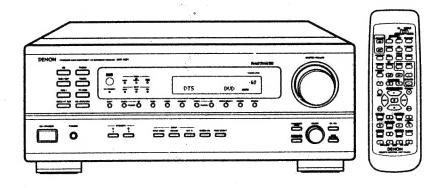
DENON

Hi-Fi Component

SERVICE MANUAL MODEL AVR-1801/881

AV SURROUND RECEIVER



- TABLE OF CONTENTS -

SAFETY PRECAUTIONS	2
SPECIFICATIONS	2
DISASSEMBLY	3
CLOCK FLOW	4
LEVEL DIAGRAMS	5,6
ADJUSTMENT	7,8
SEMICONDUCTORS	9~15
PRINTED WIRING BOARDS	16~23
NOTE FOR PARTS LIST	24
PARTS LIST OF P.W.B. UNIT ASS'Y	24~35
EXPLODED VIEW	36
PARTS LIST OF EXPLODED VIEW	

PACKI	NG VIEW	38
PARTS	LIST OF PACKING & ACCESSORIES	38
BLOCH	CDIAGRAM	39
WIRIN	G DIAGRAM	40
SCHE	MATIC DIAGRAMS	41~48
(1/8)	MAIN UNIT, VOLTAGE SEL UNIT	41
(2/8)	INPUT UNIT	42
(3/8)	FRONT UNIT, TACT S/W UNIT, H/P, POWER S/W UNIT	43
(4/8)		
(5/8)	CNT UNIT, PRE-AMP UNIT	45
(6/8)	VIDEO UNIT, S-VIDEO UNIT	46
(7/8)	TUNER UNIT	47
(8/8)	DSP UNIT	48

Some Illustrations using in this service manual are slightly different from the actual set.

NIPPON COLUMBIA CO., LTD.

SAFETY PRECAUTIONS

The following check should be performed for the continued protection of the customer and service technician.

LEAKAGE CURRENT CHECK

Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power cord is less than 460 kohms, the unit is defective.

SPECIFICATIONS

■ Audio section

Power amplifier

Rated output:

Front:

70W + 70W (8 Ω /ohms, 20Hz~20kHz with 0.08% T.H.D) 105W + 105W (6 Ω /ohms,1kHz with 0.7% T.H.D) (U.S.A., Canada & Europe Models)

70W

120W + 120W (6Ω/ohms, EIAJ) (Asia Model) (8Ω/ohms, 20Hz~20kHz with 0.08% T.H.D)

[AM]

18 uV

520kHz-1710kHz

522kHz-1611kHz

105W (6Ω/ohms, 1kHz with 0.7% T.H.D) (U.S.A., Canada & Europe Models)

120W

70W + 70W

(6Ω/ohms, EIAJ) (Asia Model) (8Ω/ohms, 20Hz-20kHz with 0.08% T.H.D) 105W + 105W (6Ω/ohms, 1kHz with 0.7% T.H.D) (U.S.A., Canada & Europe Models) 120W + 120W (6Ω/ohms, EIAJ) (Asia Model)

Surround: Front

A or B 6 to 16Q/ohms

A + B 12 to 16Ω/ohms Center/ Surround: 6 to 160/ohms

Analog

LINE input - PRE OUT

Output terminals:

Imput Sanaltivity/Input impedance: 200mV/47kΩ/kohms
Frequency response: 10Hz-100kHz:+1,-3dB (TONE DEFEAT ON)
S/N ratio: 100dB (IHF-A weighted) (TONE DEFEAT ON)

 Phono equalizer PHONO input - REC OUT

input sensitivity/input impedar 2.5mV/47kΩ/kohms ±1dB (20Hz~20kHz)
74dB (IHF-A weighted, with 5mV input) RIAA deviation:

S/N retio:

Rated output/Maximum output: 0.03% (1kHz, 3V)

■ Video section

Standard video jacks

Input/output level and impedance: 1Vp-p, 75Ω/ohms Frequency response:

5Hz-10MHz --- +1, -3dB S-video jacks

Y (brightness) signal — 1Vp-p, 75 Ω /ohms C (color) signal — 0.286Vp-p, 75 Ω /ohms 5Hz-10MHz: — +1, -3dB input/output level and impedance:

Frequency response:

■ Tuner section

[FM] (note: μV at 75 Ω /ohms, 0dBf =1x10⁻¹⁵W) Receiving range: U.S.A., Canada & Asia (for Multiple voltage) Models

87.50MHz-107.90MHz

87.50MHz~108.00MHz

Asia (for China) Models Usable sensitivity: 50 dB quieting sensitivity

1.0 µV (11.2dBf) MONO S/N ratio:

Total hermonic distortion:

STEREO MONO STERFO

MONO STEREO

1.6 µV (15.3dBf) 23 µV (38.5dBf) 80dB (IHF-A weighted) 75dB (IHF-A weighted) 0.15% (1kHz)

■ General

Power supply: U.S.A., Canada Models AC120V, 60Hz Europe Model Asia(for Multiple voltage)Model AC230V, 50Hz AC115/230V 50/60Hz Asia(for China)Model AC220V, 50Hz

Power consumption:

434 (W) × 171 (H) × 416 (D)mm (17-3/32" × 6-47/64" × 16-3/8") Maximum external dimensions 11.3kg (24 lbs 14.6 oz)

■ Remote control unit (RC-874)

Batteries: External d

R6P/AA Type(two batteries) 54 (W) \times 172 (H) \times 27.2 (D)mm (2-1/8" \times 6-49/642" \times 1-5/64")

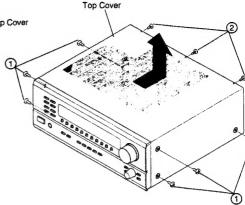
100g (Approx. 6 oz) (including batteries)

DISASSEMBLY

(To reassemble reverse disassembly)

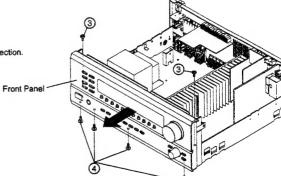
Top Cover

Remove 6 screws (1) and 3 screws (2), detach the Top Cover in the arrow direction.



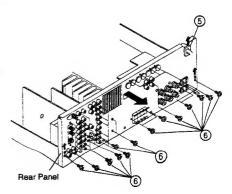
Front Panel

- 1. Remove 2 screws (3)
- 2. Remove 4 screws (4).
- 3. Detach the Front Panel in the arrow direction.

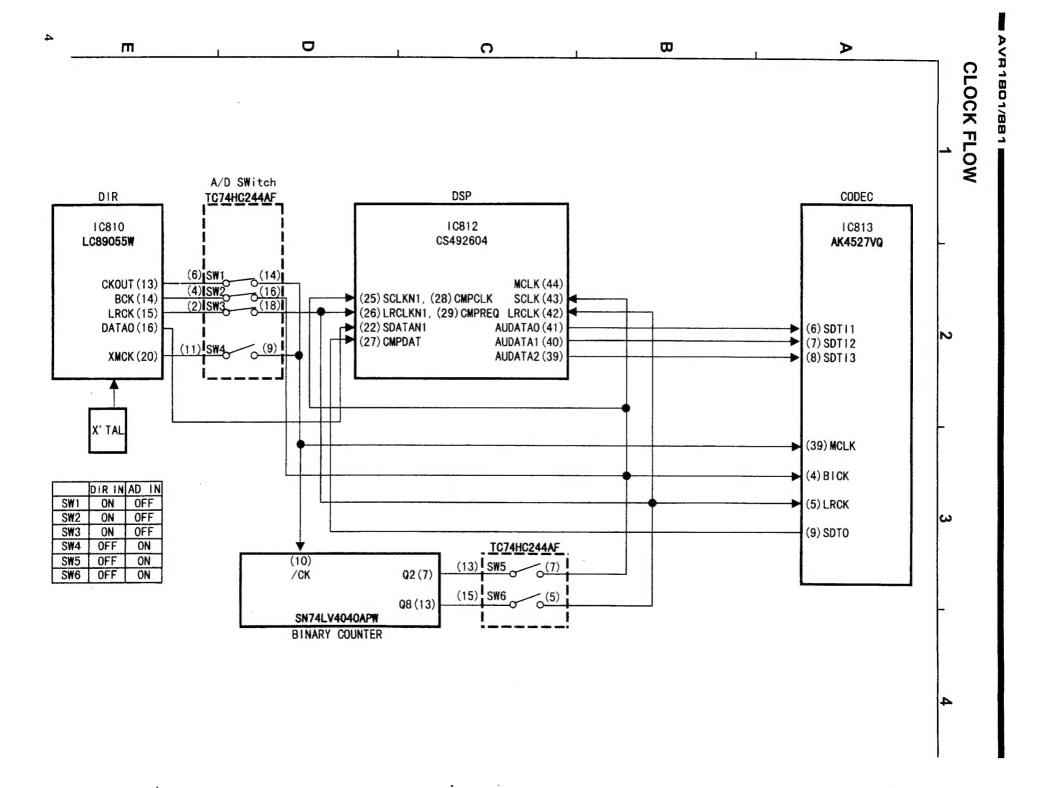


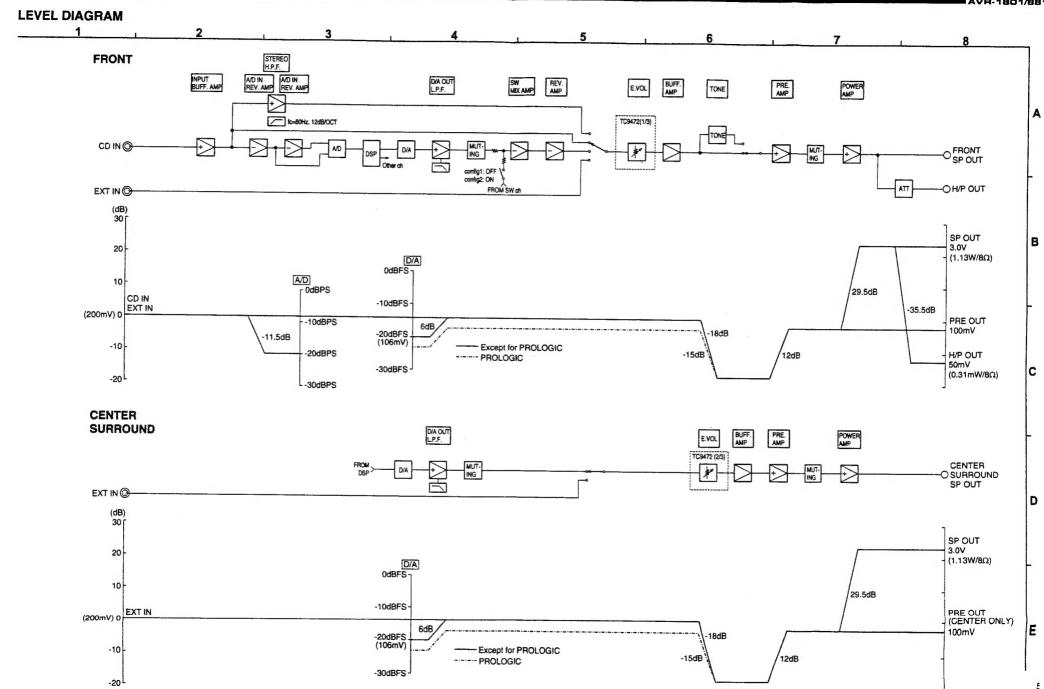
Rear Panel

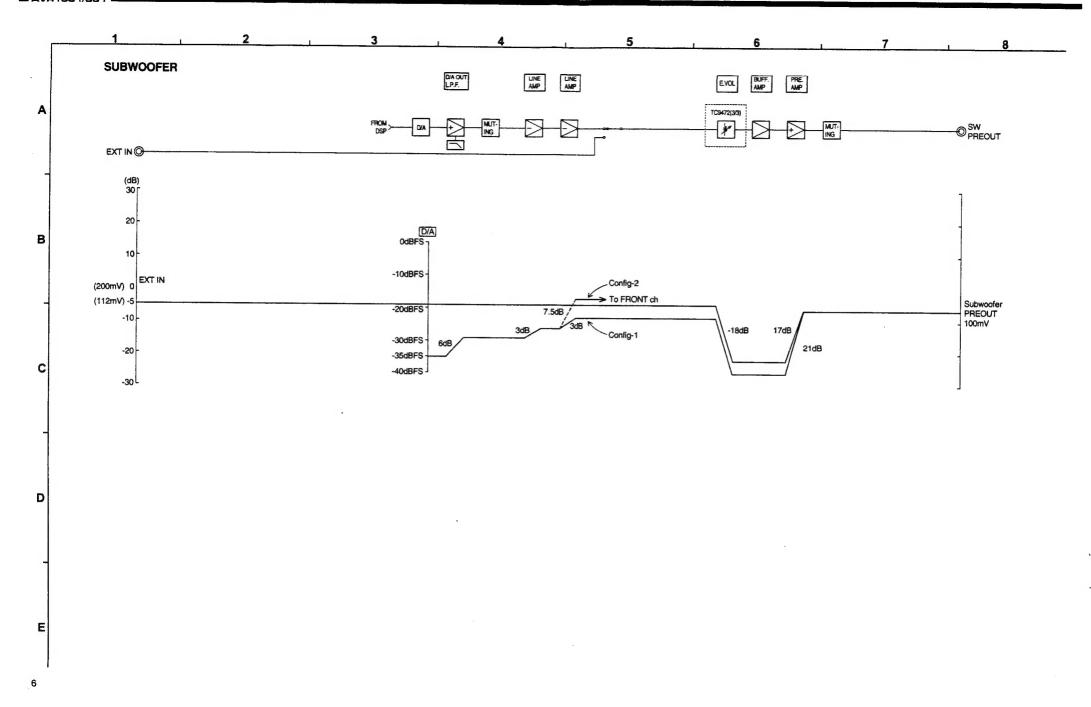
- 1. Remove cord bushing (5) from the Rear Panel.
- 2. Remove 35 screw (6).
- 3. While releasing 2 hooks, detach the Rear Panel in the arrow direction.



^{*} For purposes of improvement, specifications and design are subject to change without notice.





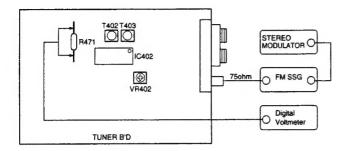


ADJUSTMENT

Tuner Section

CONNECTION DIAGRAM OF MEASURING INSTRUMENTS

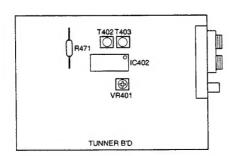
• FM



FM ALIGNMENT

		Tuning	Input					Output		Adjustment	
Step	Alignment Item	Frequency Setting	Туре	Frequency	Input Level	Modulation	Coupling	Туре	Connect to	Points	Adjust to
1	Center Adjustment	98.1MHz (96.0MHz)	FM SSG	98.1MHz	60фВµ	_	Antenna Terminal	Digital Voltmeter	R471	T402	± 50mV
2	Distortion	98.1MHz (98.0MHz)	FM SSG	98.1MHz	60dB μ	Mono 1kHz 100%	Antenna Terminal	Distortion Meter	Output Terminal (L)	T403	Minimum Distortion
3	Repeat Steps 1 and 2										
4	Signal Level	98.1 MHz (98.0 MHz)	FM SSG	98.1MHz	20dBμ	OFF	Antenna Terminal	Light "TUNED" on FL Display		VR402	20 ⁺¹⁴ ₋₁₀ dB

AM



AM ALIGNMENT

	WIN WEI	STAIRIT IA I							
		Alignment	-		Output		-	Adjustment	Remarks
	Step	Item	Frequency	Input	Туре	Connect to	Points	Adjust to	ricinarks
ĺ	_	6:	999 (1000)	AM SSG			VR401	Light "TUNED" on	SSG OUTPUT
	1	Signal Level	kHz	AM SSG	_	_	VH4U1	FL Display	74dBµ (EMF)

Audio Section

Idling Current

Required measurement equipment : DC Voltmeter

Preparation

(1) Avoid direct blow from an air conditioner or an electric fan, and adjust the unit at normal room tempereture 15 °C ~ 30 °C (59 °F ~ 86 °F).

(2) Presetting

POWER (Power source switch)

→ OFF

SPEAKER (Speaker terminal)

→ No load (Do not connect speaker, dummy resistor, etc.)

Adjustment

- (1) Remove top cover and set VR101, VR102, VR103, VR104, VR105 on Amp. Unit at full counterclockwise ()
- (2) Connect DC Voltmeter to test points (FRONT-Lch: TP101, FRONT-Rch: TP102, CENTER ch: TP103, SURROUND-Lch: TP104, SURROUND-Rch: TP105).
- (3) Connect power cord to AC Line, and turn power switch "ON".

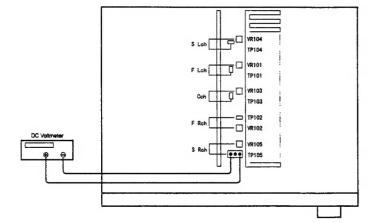
(4) Presetting.

MASTER VOLUME:: "---" counterclockwise (min.)

MODE : 5CH STEREO

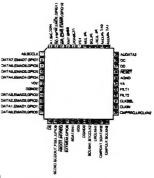
FUNCTION : CD

- (5) Within 2 minutes after the power on, turn VR101 clockwise () to adjust the TEST POINT voltage to 1.5 mV ±0.5 mV DC.
- (6) After 10 minutes from the preset above, turn VR101 to set the voltage to 2 mV ±0.5 mV DC.
- (7) Adjust the Variable Resistors of other channels in the same way.



SEMICONDUCTORS

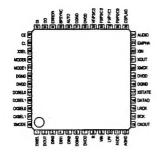
• ICs CS492604-CLR (IC812)



CS492604-CLR Terminal Function

Pin No.	Pin Name	Function
1	VD1	Digital positive supply
2	DGND1	Digital supply ground
3	XMT958	SPDIF transmitter output
4	WR, DS, EMWR, GPIO10	Host write strobe or host data strobe or external memory write enable or general purpose input & output number 10
5	RD, R/W, EMOE, GPIO11	Host parallel output enable or host parallel R/W or external memory output enable or general purpose input & output numbe
6	A1, SCDIN	Host address bit one or SPI serial control data input
7	AO, SCCLK	Host parallel address bit zero or serial control port clock
8	DATA7, EMAD7, GPIO7	
9	DATA6, EMAD6, GPIO6	
10	DATAS, EMADS, GPIOS	
11	DATA4, EMAD4, GPIO4	
12	VD2	Digital positive supply
13	DGND2	Digital supply ground
14	DATA3, EMAD3, GPIO3	organ supply godin
15	DATA2, EMAD2, GPIO2	
16	DATA1, EMAD1, GPIO1	
17	DATAO, EMADO, GPIOO	
18	CS CS	Host parallel chip select, host serial SPI chip select
19	SCDIO, SCDOUT, PSEL, GPIO9	Serial control port data input and output, parallel port type select
20	INTREQ. ABOOT	Control port interrupt request, automatic boot enable
21	EXTMEM, GPIO8	External memory chip select or general purpose input & output number 8
22	SDATAN1	PCM audio data input number one
23	VD3	Digital positive supply
24	DGND3	Digital supply ground
25	SCLKN1, STCCLK2	PCM audio input bit clock
26	LRCLKN1	PCM audio input sample rate clock
27	CMPDAT, SDATAN2	PCM audio data input number two
28	CMPCLK, SCLKN2	PCM audio input bit clock
29	CMPREQ, LRCLKN2	PCM audio input sample rate clock
30	CLKIN	Master clock input
31	CLKSEL	DSP clock select
32	FILT2	Phase locked loop filter
33	FILT1	Phase locked loop filter
34	VA	Analog positive supply
35	AGND	Analog supply ground
36	RESET	Master reset input
37	DD	Reserved
38	DC	Reserved
39	AUDATA2	Digital audio output 2
40	AUDATA1	Digital audio output 1
41	AUDATAO	Digital audic output 1
42	LRCLK	Audio output sample rate clock
43	SCUK	Audio output Sample rate clock Audio output bit clock
44	MCLK	Audio master clock

LC89055W (IC810)

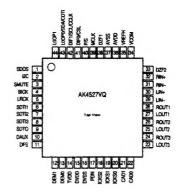


LC89055W Terminal Function

Pin No.	Pin Name	1/0	Function
1	DISEL	1	Data input terminal (select input pin of DIN0, DIN1)
2	DOUT	0	Input bi-phase data through output terminal
3	DINO	1	Amp built-in coaxial/optical input correspond data input terminal
4	DIN1	1	Amp built-in coaxial/optical input correspond data input terminal
5	DIN2	1	Optical input correspond data input terminal
	DGND		Digital GND
	DVDD ·		Digital power supply
	R	1	VCO gain control input terminal
	VIN	1	VCO free-run frequency setting input terminal
	LPF	Ò	
_	AVDD		Analog power supply
	AGND	_	Anaioo GND
	CKOUT	0	Clock output terminal (256fs, 384fs, 512fs, X'tal osc., VCO free-run osc.)
	BCK	0	64ts clock output terminal
	LRCK	0	fs clock output terminal (L: Rch, H: Lch, I2S: Reverse)
	DATAO	ō	Data output terminal
	XSTATE	ō	Input data detecting result output terminal
	DGND		Digital GND
	DVDD		Digital power supply
_	XMCK	0	X'tal osc. clock output terminal (24.576MHz or 12.288MHz)
	XOUT	ō	X'tal osc. connection output terminal
	XIN	1 T	X'tal osc. connection input terminal, external signal input possible (24.576MHz or 12.288MHz)
	EMPHA	Ö	Emphasis information output terminal of channel status
	AUDIO	10	Bit1 output terminal of channel status
	CSFLAG	0	Top 40bit revise flag output terminal of channel status
	F0/P0/C0	10	Input fs cal, sig. out/data type out/input word inf. output terminal
	F1/P1/C1	10	Input fs cal. sig. out/data type out/input word inf. output terminal
_	F2/P2/C2	1 6	Input is cal. sig. out/data type out/input word inf. output terminal
	VF/P3/C3	0	Validity flag out/data type out/input word inf. output terminal
	DVDD		Digital power supply
	DGND	+	Digital GND
32	AUTO	0	Non PCM burst data transfer detect sig. output terminal
33	BPSYNC	10	Non PCM burst data transfer detect sign output terminal
34	ERROR	0	PLL lock error, data error flag output terminal
35	DO	1 8	CPU/IFD read data output terminal
36	DI	1 7	CPU I/F write data input terminal
37	CE	+ +	CPU I/F chip enable input terminal
		++	CPU I/F chip enable input terminal
38	CL	_	Frequency select input pin of XIN X'tal osc. (24.576MHz or 12.288MHz)
	XSEL	1	
	MODE0	++	Mode setting input terminal
41	MODE1		Mode setting input terminal
42			Digital GND
43	DVDD	-	Digital power supply
44	DOSEL0	1	Data output format select input terminal Data output format select input terminal
45	DOSEL1	1	
46	CKSEL0 CKSEL1	+	Output clock select input terminal Output clock select input terminal
47			

For latch-up countermeasure, set digital (DVDD) and analog (AVDD) power on/off in the same timing.

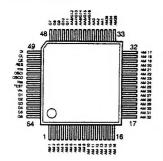
AK4527VQ (IC813)



AK4527VQ Terminal Function

Pin No.	Pin Name	1/0	Function					
1	SDOS	1	SDTO source select pin, L: Internal ADC output, H: DAUX input					
2	12C		Serial control mode select pin, L: 3-core serial, H: 1*C bus					
3	SMUTE		Soft mute pin, H: Soft mute start, L: Release					
4	BICK		Audio serial data clock pin					
	LRCK	T	Input channel clock pin					
	SDTI1	T	DAC1 audio serial data input pin					
7	SDTI2	1	DAC2 audio serial data input pin					
8	SDTI3	i	DAC3 audio serial data input pin					
	SDTO		Audio serial data output pin					
	DAUX		Auxiliary audio serial data input pin					
	DFS	1	Double speed sampling mode pin, L: Normal, H: Double					
	DEM1		De-emphasis-1 pin					
	DEMO		De-emphasis-2 pin					
	TVDD		Power pin for output buffer, 2,7V~5,5V					
	DVDD		Digital power pin, 4.5V-5.5V					
	DVss	=	Digital GND pin, 0V					
	PDN	T	Power down & reset pin, L: Powered-down and register initialized, Reset with PDN when switching CAD0-1					
	ICKS2	i	Input clock select-2 pin					
	ICKS1	i i	Input clock select-1 pin					
	ICKS0	H	Input clock select-0 pin					
	CAD1	i	Chip address-1 pin					
	CADO	i	Chip address-0 pin					
	LOUTS		DAC3L channel analog out pin					
	ROUT3		DAC3R channel analog out pin					
	LOUTS		DAC2L channel analog out pin					
	ROUT2		DAC2R channel analog out pin					
	LOUT1		DACIL channel analog out pin					
	ROUT1		DAC1R channel analog out pin					
	LIN-		L-ch analog inverted input pin					
	LIN+		L-ch analog inverted input pin					
	RIN-	+	R-ch analog inverted input pin					
	RIN+	1	R-ch analog non-inverted input pin					
	DZF2		D input detect 2 pin, H: Input data of G2 is 8192 times "0" in a raw or RSTN bit "0". L: When P/S= "0"					
	VCOM	0	Common V-out pin, AVDD/2, connect large capacitor to avoid noise					
	VREFH	1	Ref. V input pin, AVDD					
	AVDD		Analog GND pin, 4.5V~5.5V					
	AVss	-	Analog GND pin, 0V					
	DZF1	0	0 input detect pin, H: Input data of G1 is 8192 times "0" in a raw or RSTN bit "0", L: When P/S= "0"					
	MCLK	1	Master clock input pin					
40	P/S	1	Parallel/Serial select pin, L: Serial control					
41	DIFO	1	Audio data VF format 0 pin (parallel control)					
	CSN		Chip select pin (3-wire serial control), connect to DVDD when I*C bus control Audio data I/F format 1 pin (parallel control)					
42	DIFI	1						
	SCL/CCLK		Control data clock pin (serial control), I ² C="L": CCLK (3-wire serial), I ² C="H": SCL (I ² C bus)					
43	LOOP0	1	Loop back mode 0 pin (parallel control), effects digital loop back ADC to all DAC					
	SDA/CDTI		Control data input pin (serial control), I*C="L": CCTI (3-wire serial), I2C="H" SDA (I*C bus)					
44	LOOP1		Loop back mode 1 pin, from SDT1 to all DAC					

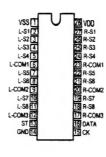
LC75721E (C301)



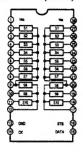
● LC75721E Terminal Function

Symbol	Function
Voo	Power terminal +5V
Vsa	Power terminal GND
VA.	Power terminal Ft, drive
CE CE	Senal data transfer terminal DI: Data CL: Clock CE: Chip enable
OSCI OSCO	External CR connecting terminal
ĀĒŠ	System reset terminal
AM1~AM35 AA1~AA3	Anode output terminal
AA4/G16 AA5/G15 AA6/G14 AA7/G13 AA8/G12	Anode/Grid output terminal
G1-G11	Grid output terminal
TEST	LSI test terminal

KIC9164AN(IC203)



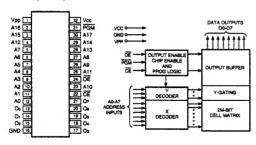
TC9273N-007(IC701)



TC9273N Terminal Function

Pin No	Symbol	Name	Function	1
1	Vss	+Power Terminal	Dual Power Use:VDD = 8.0-17 V Single Power Use:VDD = 8.0-18V	1
13	GND	Digital Ground	GND=0V GND=0V	
28	Voo	+Power Terminal	Vss=-8.017V	
2-12 12-27	\$1~\$10	I/O Terminal	Input terminal of analog switch.	
14	CK	Clock input	Clock input for data transfer.	Low level
15	DATA	Data input	Serial input for switch setting.	Border Inpu
16	STB .	Strobe input	Strobe inputStrobe input for data writing.	Terminal

W27C020(IC807)



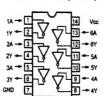
NJM2068DD (IC205-210, 551, 702-704, 814-816) BA4510F(IC805, 806)



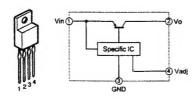
SN74LV00APW(IC822)



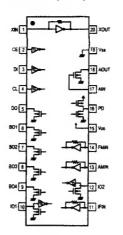
MC74HCU04AD(IC803)



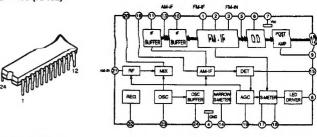
KIA78R05PI (IC653)



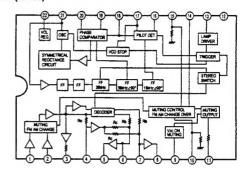
LC72131M (IC401)



LA1266 (IC402)

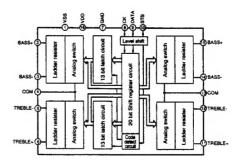


LA3401 (IC403)

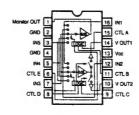


TC9184AP (IC552)





BA7625 (IC601, 651, 652)



Α	В	E	MONITOR OUT
L	L	٠	IN 1
H	L	•	IN 2
L	Н	•	IN 3
Н	н	L	IN 4
н	н	н	IN 5

С	D	E	V OUT 1	1
L	L	•		1
н	L	•	IN 2	1
L	Н	•	IN 3	l
н	Н	L	iN 4	1
Tu	u	1,1	16) £	1

j	С	0	E	V OUT 2
į	Ļ	L	•	IN 1
	н	L	•	
	L.	Н	•	IN 3
	Н	н	L	IN 4
	н	Н	н	IN 5

Note 1: * mark means that feasible for either H or L.

Note 2: Each input terminal is provided with sink chip clamp (BA7625).

Each input terminal takes 20kohm at the end (BA7626).

SN74LV4040 (IC831)



INP	UTS	OUTPUTS
CP	MR	Qn
1	L	no change
1	L	count
X	н	L

L=LOW voltage level
X=don't care
1=LOW-to-HIGH clock transition
1=HIGH-to-LOW clock transition



NJM7805FA (S) (IC103, 829)



KIA7915 (IC102)

KIA7805 (IC104)

KA7815 (IC101)





BA033FP (IC811)

PC74HC4094 (IC302, 602)



TC74HC125D (IC821)



PC74HCT574 (IC808,809)



DC74HCT244 (IC828,830)



• IC PROTECTOR

ICP-N15 (IC105)



POSISTOR P43T7D330BW16



• OPTICAL OUT GP1F37R1 (IC801, 802)

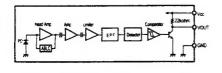


1. Vcc 2. GND 3. Vout

• IR SENSOR

NJL64H380A(RMC301)









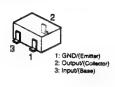


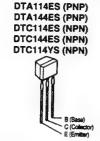


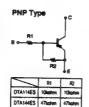
2SB1560 2SD2390

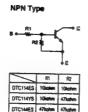


2SC2412K (S) KTC3880 (S)









2SC1740S



DTA114EK DTA144EK DTC114EK DTC114YK DTC144EK







DTA144EK 47hohm 47hohm



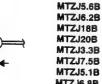
	J	801	HZ.
DTC114E	ĸ	EOkoten	10hohm
DTC114Y	ĸ	10kohm	47kohm
DTC144E	ĸ	47hohm	47hohm

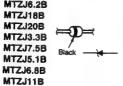
DIODES (LED included)

─	$\supset \longrightarrow$
Yellow	-14-



1N4004A







KDS160



KBPC604

1SS133







HL-30RDRF3 (LED308,309)



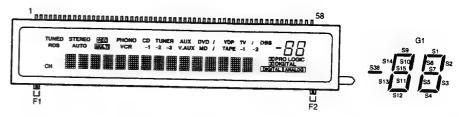
2SK117(Y)

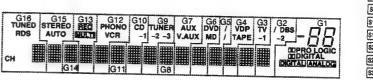
• FET



■ FL DISPLAY

16-st-42GNK (FL301)





G2-G16	6	
S1 S2 S3 S4 S5		
S8 S7 S8 S9 S10	9 510	Se
S11 S12 S13 S14 S15		
S18 S17 S18 S19 S20	9 520	SI
S21 S22 S23 S24 S25	24 \$25	\$2
S26 S27 S28 S29 S30	9 S30	S2
\$31 \$32 \$33 \$34 \$35	4 S35	S3

Pln Assignment

PIN NO.	1.	2	3	4	5	6	7	8	9		11			14		16	17	18	19	20
CONNECTION		F1	<u>S1</u>			<u>S4</u>	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18
PIN NO.	21	22	23	24	25	26	27	29	20	20	24	20	00							
CONNECTION PIN NO.	41	42	43	44	323	524	S25	S26	S27	S28	S29			S32	S33	S34	S35	S36	S37	S38
CONNECTION					45	46	47	48	49 G8		51	52	53	54	55	56	57	58		
	- 10	-10		0.10	412	911	410	9	ug	G7	G6	G5	G4	_G3	G2	G1	F2	F2		

F1,F2 : Filament G1-G16 : Grid S1~S38 : Anode

Anode & Grid Assignment

	G1	G2~G16		G1	G2~G16		G1	G2~G16		G1	G2~G16
S1	S1	S1	S10	S10	S10	S19		S19	000	- 41	
S2	S2	S2	S11	S11	S11	S20		S20	S28		S28
S3	S3	S3	S12						S29	_	S29
		1		S12	S12	S21	_	S21	S30		S30
S4	S4	S4	S13	\$13	S13	S22		S22	S31		S31
S5	S5	S5	S14	S14	S14	523		S23	S32		S31
S6	S6	S6	S15	S15	S15	S24					
S7	S7	S7	S16	0.0	S16	S25		S24	\$33		S33
S8		1						S25	\$34		\$34
		S8	S17	Z DIGITAL	- S17	S26		S26	S35		S35
S9	\$9	S9	S18	DEPRO LOG	ICS18	\$27		S27	- 24		300

	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	C10	040			
												G12	G13	G14	G15	G16
S36	DIGITAL	/	TV	VDP	/(DVD)	DVD	AUX		TUNER	CD		PHONO	DEC		STEREO	THE
S37	ANALOG	_2	-4	TADE	//8.4000	MD	V.MAX			-						IONEL
			-,	IAFE	(INIU)	MIL	A'MWY		~2	-1		VCR	MULTI		AUTO	RDS
\$38	S38	DBS							_3							CH

PRINTED WIRING BOARDS

MAIN P.W.B. ASS'Y 7020-06048-101-0 MAIN COMPONENT SIDE

FOIL SIDE

-

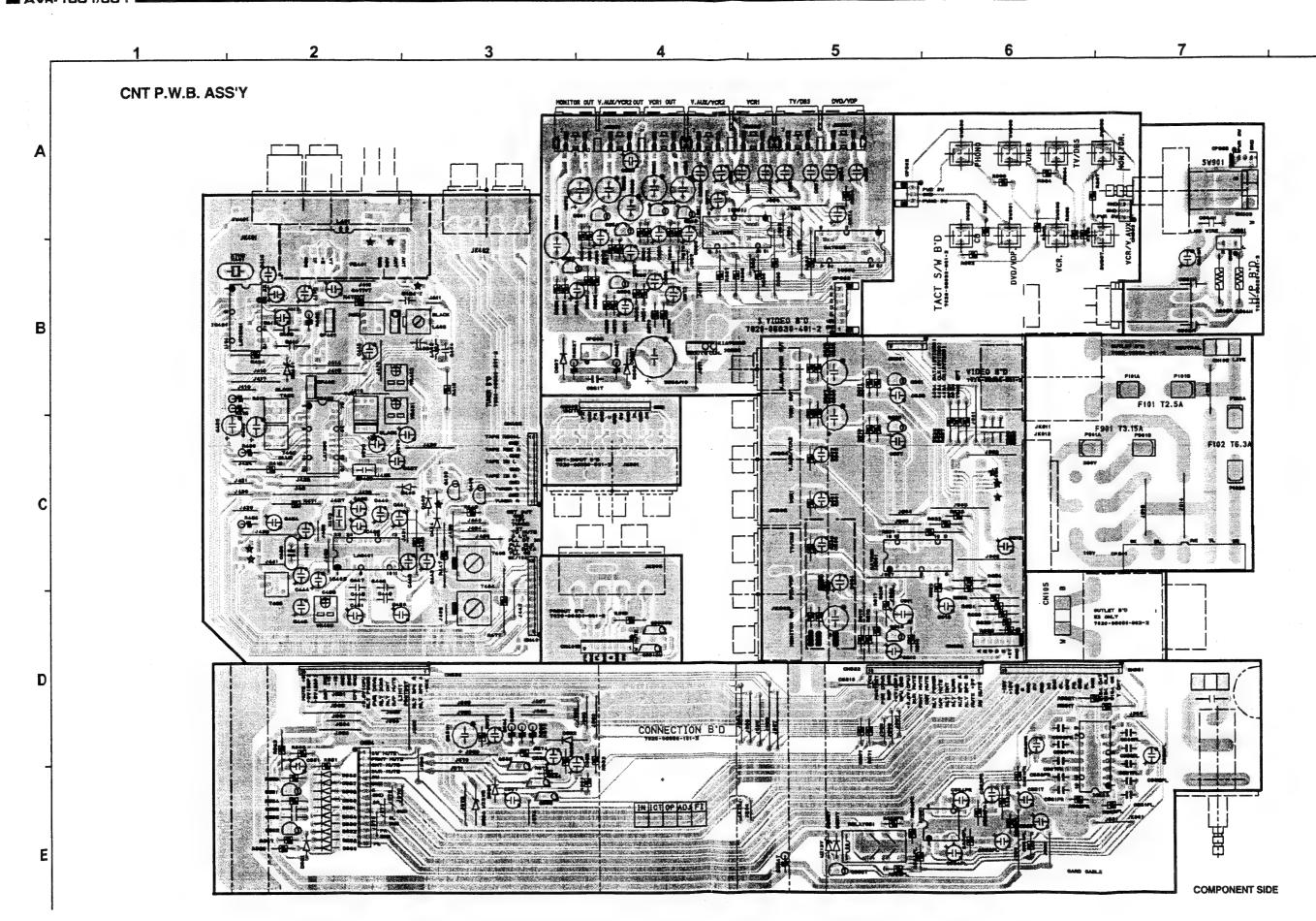
В

С

_

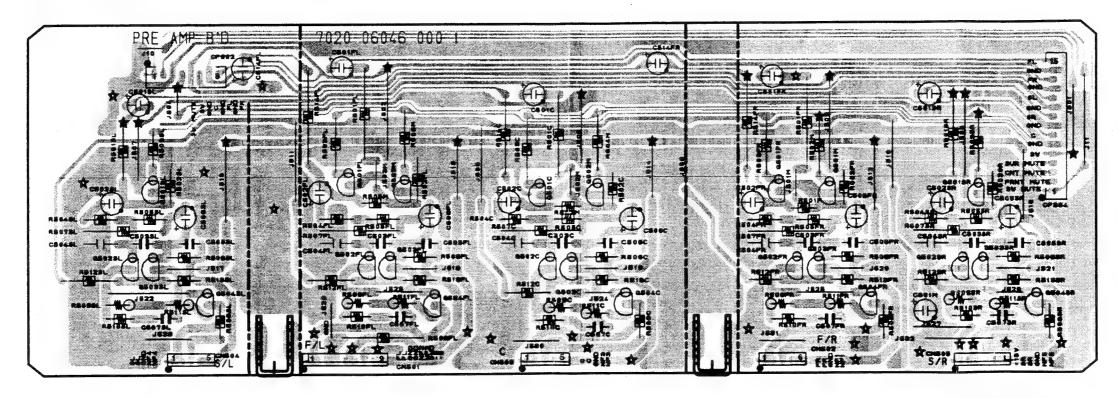
PROCESSOR P.W.B. ASS'Y RUR1801 CPU BOARD 7020-06029-101-2 COMPONENT SIDE

AT 28 % / FOIL SIDE



FOIL SIDE

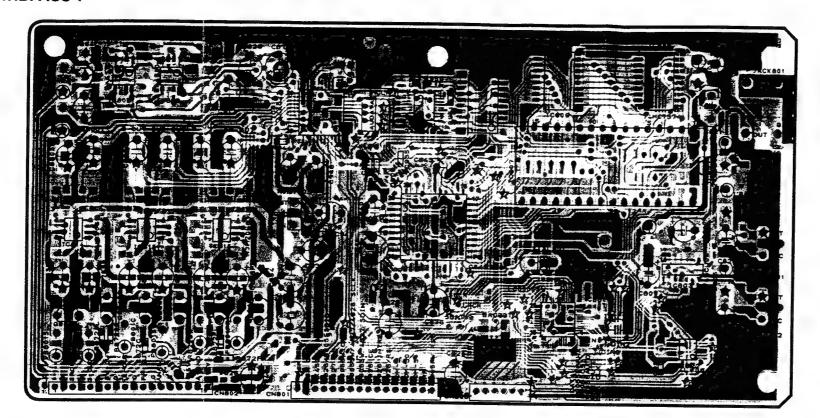
PRE-AMP P.W.B. ASS'Y



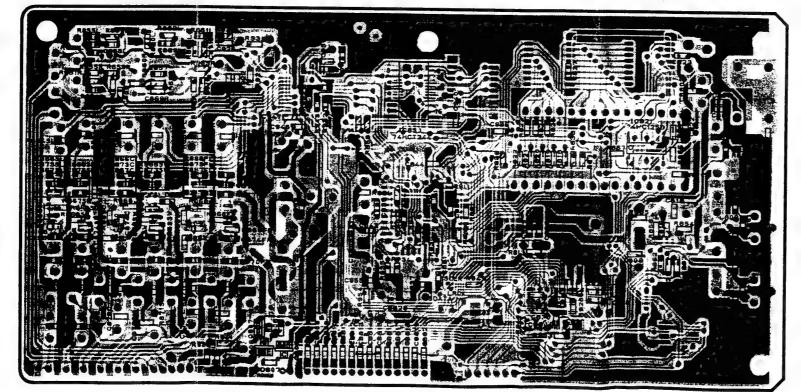
COMPONENT SIDE

1 2 3 4 5 6 7 8

DSP P.W.B. ASS'Y

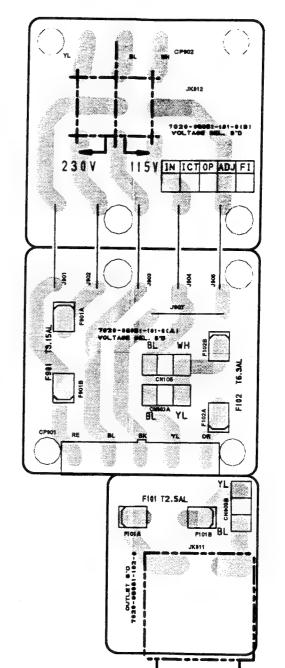


COMMPONENT SIDE



FOIL SIDE





COMMPONENT SIDE

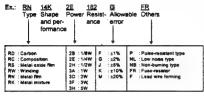
NOTE FOR PARTS LIST

- Part indicated with the mark "O" are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.
- When ordering of part, clearly indicate "1" and "I" (i) to avoid mis-supplying.
- Ordering part without stating its part number can not be supplied.
- Part indicated with the mark "★" is not illustrated in the exploded view.
- Not including Carbon Film ±5%, 1/4W Type in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)

Parts marked with this symbol Δ have critical characteristics.

Use ONLY replacement parts recommended by the manufacturer.

Resistors

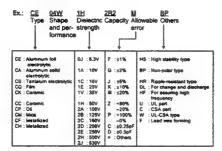


- · 1800 ohm = 1.8 kohm indicates number of zeros after effective number.

 2-digit effective number.

- 1_R 2 ⇒ 1.2 ohm
 1-digit effective number.
 2-digit effective number, decimal point indicated by R.

Capacitors



- 2200µF Indicates number of zeros after effective number

- 2.20pF | 220pF | Indicates number of zeros after effective number. 2-digit effective number.
- . When the dielectric strength is, indicated in AC, "AC" is included after the dielectric strength value.

PARTS LIST OF P.W.B. UNIT MAIN P.W.B. UNIT

Note: The symbols in the column "Remarks" indicate the following destination:
E3: U.S.A. model, Canada model
E1: U.S.A. model (APP-B81)
E2: Europe model
E1: Alae model
E1: Alae model

MINTER IN	W.B. UIVI			E1: Asia	model		
Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
SEMICON	IDUCTORS	GROUP		R107C,FL,			
IC101	963 0057 903	I □ KIA7815AP	J126781500060	FR,SL,SR			
IC102	963 0044 806	IC NJM7915FA	J126791500010	R108C,FL,	244 2043 982	Metal oxide 0.22ohm 1W	RS14B3AR22JNBST(S)
IC103	960 0196 001	IC NJM7805FA (S)	J126780600130	FR,SL,SR,			
IC104	963 0057 709	IC KIA7805AP	J126780500360	R109C,FL,			
IC105	960 0195 808	IC protector ICP-N15	J120001500030	FR,SL,SR,			
				R110C,FL,	1		
IC701	960 0174 308	IC TC9273N-007	J090927300000	FR,SL,SR,			
IC702-704	960 0174 502	IC NJM2068DD	J121206800000	R111C,FL,	-		
				FR,SL,SR			
Q104C,FL,	960 0196 506	Transistor KSC1845F	J5021845F0000	R112C,FL,	963 9003 013	Metal film 1.8 kohm 1/4W (NB)	C060018243520
FR,SL,SR			*	FR,SL,SR			
Q111-116	960 0196 409	Transistor 2SC1740SR	J5021740S0010	R114C,FL,		Metal film 2k ohm 1/4W	C06002026P520
Q117	960 0196 904	Transistor DTC114YS (NPN)	J6020114Y0050	FFR,SL,SR			
		ì i	for E3,EU,E1,E1H,E1T	R118C,FL,	244 2043 937	Metal oxide 10ohm 1W	RS14B3A100JNBST(S)
Q161	960 0196 409	Transistor 2SC1740SR	J5021740S0010	FR,SL,SR,			
Q171	960 0005 202	Transistor KTC3198 (Y)	J5023198Y0000	R119C,FL,			
Q171A.B.C	960 0196 302	Transistor KTA1268BL	J5001268B0050	FR,SL,SR			
Q172-177	960 0005 202	Transistor KTC3198 (Y)	J5023198Y0000	R135,136	963 0045 203	Winding 0.1 ohm 5W	C144R10069110
Q178	960 0005 105	Transistor KTA1266Y	J5001266Y0050	R141,142	963 9003 039	Metal film 1 ohm 1/4W	C060001063050
Q179	960 0189 005	Transistor KSA916Y	J5000916Y0050	R148,149	963 9003 039	Metal film 1 ohm 1/4W	C060001063050
Q180,181	960 0196 302	Transistor KTA1268BL	J5001268B0050	R151		Metal film 68 ohm 1/4W	C060068063520
				R154	963 0043 108	Metal film 2.2 Mohm 1/2W	C060022574000
D101-105	963 0020 309	Diode 1SS133T	K000013300520				for E3,EU
D121-126	963 0020 309	Diode 1SS133T	K000013300520	R155,156	963 9003 039	Metal film 1 ohm 1/4W	C060001063050
D131A,1316		Diode KBPC604	K047604000020	R179		Metal film 47 kohm 1/4W (NB)	C060047343520
D132	963 0020 309		K000013300520	R181	963 0047 900	Metal film 4.7 ohm 1W	C0604R7065050
D133,134	963 0046 202	Zener diode MTZJ188	K06018R044520	R184	244 2043 937	Metal oxide 10ohm 1W	RS14B3A10QJNBST(S)
D135	963 0020 309	Diode 1SS133T	K000013300520	P185	963 9003 039	Metal film 1 ohm 1/4W	C060001063050
D136	963 0058 504	Zener diode MTZJ11B	K08011R044520				
D137	963 0020 309	Diode 1\$S133T	K000013300520	R701L,R		Carbon chip 390 ohm 1/10W	C200039160200
D136	980 0117 608	Diode 1N4004A	K040400400520	R702L,R-		Carbon chip 470 ohm 1/10W	C200047160200
D141-146	960 0117 608	Diode 1N4004A	K040400400520	708L,R			
D148	963 0020 309	Diode 1SS133T	K000013300520	R709L,R		Carbon chip 68 kohm 1/10W	C200068360200
D149,150	960 0117 608	Diode 1N4004A	K040400400520	R710L,R~	963 9003 071	Carbon chip 2.7 Mohm 1/10W	C200027560200
D151	963 0020 309	Diode 1SS133T	K000013300520	716L,R			
D152,153	960 0117 608	Diode 1N4004A	K940400400520	R717L,R		Carbon chip 150 kohm 1/10W	C200015460200
D154	963 0047 405	Zener diode MTZJ7.5B	K06007R544520	R718L,R	1	Carbon chip 47 ohm 1/10W	C200047060200
D157	960 0014 905	Zener diode MTZJ20B	K06020R044520	R719L,R		Carbon chip 240 ohm 1/10W	C200024160200
			for E3,EU,E1,E1H,E1T	R720L,R		Carbon chip 130 kohm 1/10W	C200013460200
D158-160	963 0020 309	Diode 1SS133T	K000013300520	R721L,R		Carbon chip 1 Mohm 1/10W	C200011360200
D25,252	960 0197 000	Diode KDS160	K005016000010	R722L,R,		Carbon chip 100 ohm 1/10W	C200010160200
D253,254	960 0197 000	Diode KDS160	K005016000010	R725L,R			
D255.256	960 0197 000	Diode KDS160	K005016000010	R726L,R		Carbon chip 100 kohm 1/10W	C200010460200
				R728L,R		Carbon chip 39 kohm 1/10W	C200039360200
	L		1	R729L,R	1	Carbon chip 100 ohm 1/10W	C200010160200
	RS GROUP			R730L,R		Carbon chip 100 kohm 1/10W	C200010460200
R104C,FL,	244 2052 957	Metal oxide 5.6kohm 1W	RS14B3A562JNBST(S)	R731L,R,		Carbon chip 39 kohm 1/10W	C200039360200
FR,SL,SR,				R732L,R			
R105C,FL,				R737L,R		Carbon chip 22 ohm 1/10W	C200022060200
FR,SL,SR				R751L,R	1	Carbon chip 100 kohm 1/10W	C200010460200
R106C,FL,	963 0047 900	Metal film 4.7 ohm 1W	C0604R7065050				
FR,SL,SR,		<u> </u>	1		1		

Ref. No.	Part No.	Part Name	Remarks	Ret. No.
VR101~105		Semi fixed resistor 1 kohm	C544102015130	C713LR
			3577732573730	C714LR
				C715LR
	ORS GROU	P		C716L.R
C101C,FL,		Electrolytic 47µF/50V	D040470087060	C718L.R
FR,SL,SR				C719L,R
C102C,FL,		Electrolytic 10µF/50V	D040100087050	C720L,R,
FR,SL,SR				C721LR
C103C,FL,	963 9003 084	Ceramic 100pF/500V	D00410106D050	C723LR
FR.SL,SR,				C724L.724R
C104C.FL,				C725,726
FR,SL,SR				C725,728
C105C,FL,	960 9003 108	Ceramic 0.022µF/25V	D005223594520	0/2/,/26
FR,SL,SR				JR251
C107C.FL,		Mylar film 0.1µF/250V	D02010407H080	JAZSI
FR,SL,SR				l
C131-135		Mylar film 0.1µF/250V	D02010407H080	OTHER P
C136,137	960 0177 305	Electrolytic 10000µF/63V	D040103088380	CN701
C138		Electrolytic 1µF/50V	D040010087080	CN702
C141~143	963 0021 900	Mylar film 0.047µF/100V	D02047306C060	11
C144		Electrolytic 3300µF/10V	D040332085010	CP101
C145	963 9003 123	Electrolytic 1000µF/35V	D040102085040	CP102
C146		Electrolytic 1µF/50V	D040010087080	CP103
C148		Electrolytic 1µF/50V	D040010087080	CP104
C150~152	963 0021 900	Mylar film 0.047µF/100V	D02047306C060	GP105
C153	963 0021 104	Electrolytic 6800µF/16V	D040682083000	1
C154		Electrolytic 47µF/16V	D040470083100	
C157		Electrolytic 1µF/50V	D040010087080	CP106
C158	963 9003 136	Electrolytic 1000µF/25V	D040102084060	CP501
C159		Electrolytic 1µF/S0V	D040010087080	CP502-504
C161		Electrolytic 10uF/35V	D040100085050	CP505
C171		Electrolytic 100µF/10V	D040101082060	CP553
C171A,B,C	963 0020 202	Ceramic 0.1µF/50V	D005104597530	CP901
C172,173	200 0020 202	Electrolytic 220µF/6.3V	D040221081230	CP931
C174		Electrolytic 10µF/50V	D040100087050	J 01 301
C175		Electrolytic 4.7uF/50V	D0404R7087100	
C176,177		Electrolytic 1µF/50V	D040010087080	
C178	963 9003 149		D040331088230	AF101
∆C181		CHARLE GOOTE PLEON IAC		
C182	And America Congress	Electrolytic 10µF/100V	D04010008C050	AF101
C191-197		Ceramic 2200pF/16V	D005222773530	
			for E2	A.FIOTLA
C198C,FL,	963 9003 194	Mylar film 0.0022µF/100V	D02022206C060	100 May 13
FR.SL.SR.	300 0000 137		for E2	∆ F102
C199FL,FR			101 22	AF102
01000 E,1 F1				∆ F102
C251,252		Ceramic chip 0.01µF/50V	D011103777200	Ariuz .
0231,232		Ceranic chip 0.01 µr/504	0011103777200	
C701LR		Commis chia 220aE/E/M	D010221167200	∆F102L,102F
		Ceramic chip 220pF/50V		CAUDANG
C709L,R C710L,R		Electrolytic 10µF/35V	D040100085100	GND101,102
		Ceramic chip 100pF/50V	D010101167200	
C711LR C712LR		Electrolytic 220µF/6.3V Mylar film 0.024µF/50V	D040221081050 D020243167050	JK101 JK102
Or 164411		my and older per 700 f	332064010100	I LUNIOE

Ret. No.	Part No.	Part Nome	Damark	
C713L,R		Mylar film 0.0068µF/100V	D02068206C060)
C714LR		Electrolytic 4.7µF/50V	D0404R7087250)
C715L,R		Ceramic chip 0.022µF/50V	D011223777200	
C716L,R		Electrolytic 10µF/35V	D040100085100	
C718L,R		Electrolytic 10µF/35V	D040100085100	
C719L,R		Electrolytic 1µF/50V	D040010087080	
C720L,R,	963 9003 152	Mylar film 0.068µF/100V	D02068306C060)
C721L,R				
C723L,R		Electrolytic 10µF/35V	D040100085100	
C724L.724R,		Ceramic chip 0.01µF/50V	D011103777200	
C725,726				
C727,728		Electrolytic 4.7µF/50V	D0404R7087250	
JR251		Ceramic chip 0.01µF/50V	D011103777200	
OTHER P	ARTS GROU	JP		Q'ty
CN701		16P connector base	L101352371610	1
CN702		11P connector base	L101352371110	
CP101	960 0197 505	2P connector base	L108202000220	1
CP102		2P connector base	L104353280200	1
CP103		3P connector base	L104353280300	1 '
CP104	960 0128 804		L102526700600	1
CP105	960 0123 304	2P connector base	L104353280200	1
			for E2,E1,E1C,	
			E1H.E1T	
CP106	960 0123 207	3P connector base	L102526700300	1
CP501	963 0046 901		L101353360910	1
CP502-504	963 0048 608	5P connector base	L101353360510	3
CP505	963 0048 705	6P connector base	L101353360610	1
CP553		20P connector base	L101353362010	1
CP901		3P connector base	L101220030000	1
CP931	960 0123 304	2P connector base	L104353280200	1
			for E2,E1,E1C,	
			E1H,E1T	
∆ F101	960 0188 705	Fuse 8A	G650802121060	
			for E3.EU	
AF101	980 0142 606	Fuee 2.5A	G650252251180	1
			tor E2	
AF101LA	960 0005 804	Fuse clip	G845000050010	2
			for ES,EU,E2,E1C	
AF102	980 0188 705	Fuse 8A	G650802121080	1
			for EX,EU	
AF102	963 0044 709	Fuse 3.15A	G850312251160	1
			for E2,E1C	
AF1021,102F	980 0005 804	Fues dip	G645000050010	2
GND101,102	960 9006 600	Terminal	3790040876010	2
JK101	960 0194 304	8P speaker terminal	G598041680020	1
JK102		4P speaker terminal	G612041037310	1,

PROCESSOR P.W.B. UNIT

Ref. No.	Part No.	Part Name	Remarks	QTY	Ref. No.	Part No.	Part Name	Remarks
JK103	960 0194 809	2P speaker terminal	G611021078110	1	SEMICON	DUCTORS (ROUP	
ΔJK104	960 0187 803	AC outlet(2P)	G435204004010	1	IC201	963 0057 408	IC CXP740096-124Q	J020740096124
			for E3,EU			963 0057 602	IC TDA7330BD	J080733000010
								for E2
L101C,FL	963 0049 005	inductor 0.5µH	D330R50000000	5	IC203	960 0080 201	IÇ KIC9164AN	J040916400020
FR,SL,SR					IC204	963 0043 603	IC KIC9482F	J084948200010
L701L,R	235 9003 002	FTZ CHOKE COIL	D300700000030	2	IC205~210	960 0174 502	IC NJM2068DD	J121206800000
			for E2					
					IC301	960 0180 004	IC LC75721E	J127757210010
LABEL	963 0059 914	FUSE LABEL(2A)	5527200040010	1	IC302	960 0195 400	IC PC74HC4094	J040744094020
			for E1C					
					RMC301	960 0181 100	IC NJL64H380A	E940643800000
RLY101-104	960 0181 702	Relay (G5PA-28 24V)	G680240502020	4				
RLY105	960 0176 500	Relay (G5V-2 24V)	G680240501010	1	Q201	269 0054 901	Transistor DTC144EK	J5220144E0210
RLY106	960 0181 605	Relay (G5PA-1-8 12V)	G680120502010	1	C202	963 0045 902	Transistor 2SC2412KT	J5222412K0210
					Q203,204	960 0196 807	Transistor 2SK117Y	J5441170Y0050
TP101~105	960 0161 405	3P connector base	L101530140310	5		269 0093 904	Transistor DTA144ES	J6000144E0010
					Q206	269 0040 902	Transistor DTC144ES	J6020144E0010
	-	Heat sink	2120043538050	1	Q207,208	960 0196 807	Transistor 2SK117Y	J5441170Y0050
		Heat sink	2120044308010	1	Q209	269 0093 904	Transistor DTA144ES	J6000144E0010
		Capacitor cover	4310002640010	1	Q210	269 0040 902	Transistor DTC144ES	J6020144E0010
			for E2,E1,E1C,		Q211-213	960 0196 807	Transistor 2SK117Y	J5441170Y0050
de Photogramment	PROPERTY OF UNIT IN LETTER	Los appeals to the property of the second of	E1H,E1T	1078 2	Q214	269 0046 906	Transistor DTA114ES	J6000114E0010
Å	960 0185 708	Power trans. (Mrs)	8200280960010	1	Q215	269 0020 906	Transistor DTC114ES	J6020114E0010
			for EALEU		Q216	269 0046 906	Transistor DTA114ES	J6000114E0010
Δ	980 0185 711	Power trans. (Mini)	8201260000010	8				
- Michel		THE PROPERTY OF THE PERSON.	for EX		Q300,301	269 0055 900	Transistor DTA144EK	J5200144E0210
Δ-	960 0185 737	Power state. (Miril)	8200950150030 for E1.E1H.E1T		Q302,304	269 0054 901	Transistor DTC144EK	J5220144E0210 J5200144E0210
			8200280808010		Q305	269 0055 900	Transistor DTA144EK	J5200144E0210 J5220114E0210
- Linear	980 0185 724	Power trans. (Mirt)	tor PIC		Q306-314	269 0082 902	Transistor DTC114EK	J3220114E0210
L. Mindel Marie	963 0018 007	Screw (2S 3x8 ZNY/BH)	B020030081B10	3	D201	960 0197 000	Diode KDS160	K005016000010
	960 0188 103	2P pln jack	G601020180000	1	D201	960 0197 000	Diode 1N4004A	K040400400520
1 =	960 0188 200	4P pin jack	G602040610000		D202	963 0020 309	Diode 1SS133T	K000013300520
	960 0188 307	6P pin jack	G603060610010	1	D204,206	960 0197 000	Diode KDS160	K005016000010
l _	-	Wire clamp	4330000120000	1	D204,205	960 0197 000	Diode KDS160	K005016000010
		11110 01011			0200	300 0 737 000	Didd: NDC 100	for E2
				1	D207	960 0197 000	Diode KDS160	K005016000010
	1				D208,209	963 0020 309	Diode 1SS133T	K000013300520
					D210-212	960 0197 000	Diode KDS160	K005016000010
	1							
1		1			D302-304	963 0020 309	Diode 1SS133T	K000013300520
1					D305~307	960 0197 000		K005016000010
1								
					ZD201	963 0047 502	Zener diode MTZJ3.3B	K06003R344520
ł	1		1		ZD301	960 0095 801	Zener diode MTZJ6.8B	K06006R844520
	1				ZD302,303	960 0095 704	i .	K06006R244520
]					ZD305,306	960 0095 704	Zener diode MTZJ6.28	K06006R244520
					11			
1					LED301-307	960 0197 204	LED PIS-RD/HL50RDRF4T	K500052015010
1	1				LED306,309	960 0189 209	LED PI3-RD/HL-30RDRF3	K500032002080
<u></u>	1			1	الـ	l		

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
RESISTOR				R247C,SL,		Carbon chip 470 ohm 1/10W	C200047160200
		Carbon chip 1 kohm 1/10W	C200010260200	SR,SW			
R202	1	Carbon chip 4.7 kohm 1/10W	C200047260200	R250	1	Carbon chip 470 kohm 1/10W	C200047460200
R204	1	Carbon chip 10 kohm 1/10W	C200010360200	R255,256		Carbon chip 470 kohm 1/10W	C200047460200
R205	1		C200010300200	R259		Carbon chip 10 kohm 1/10W	C200010360200
R206		Carbon chip 220 kohm 1/10W	C200022400200	R261		Carbon chip 12 kohm 1/10W	C200012360200
R207		Carbon chip 10 kohm 1/10W	C200010360200	R262		Carbon chip 10 kohm 1/10W	C200010360200
R209	i i	Carbon chip 10 kohm 1/10W	C200010360200	R263,264		Carbon chip 12 kohm 1/10W	C200012360200
R210FL,FR	1	Carbon chip 4.3 kohm 1/10W	C200010360200	R265-271		Carbon chip 470 ohm 1/10W	C200047160200
R211		Carbon chip 10 kohm 1/10W	C200010260200	R273,274	244 2051 961	Metal film 100 ohm 1W	C060010165060
R212		Carbon chip 1 kohm 1/10W					
R213FR,		Carbon chip 15 kohm 1/10W	C200015360200	R317		Carbon chip 470 ohm 1/10W	C200047160200
R214FL,FR			0000040400000	R336		Carbon chip 4.7 kohm 1/10W	C200047260200
R215FL,FR	1	Carbon chip 100 ohm 1/10W	C200010160200	R337		Carbon chio 47 kohm 1/10W	C200047360200
R216		Carbon chip 10 kohm 1/10W	C200010360200	R338		Carbon chip 470 ohm 1/10W	C200047160200
			for E3,EU,E2	R339		Carbon chip 1 Mohm 1/10W	C200012260200
R216FL,FR		Carbon chip 100 kohm 1/10W	C200010460200	R340-348		Carbon chip 680 ohm 1/10W	C200068160200
R217		Carbon chip 15 kohm 1/10W	C200015360200	R349FL		Carbon chip 56 kohm 1/10W	C200056360200
			ES,EU,E1,E1C,E1H,E1T			Carbon chip 470 ohm 1/10W	C200047160200
R217FLFR		Carbon chip 6.2 kohm 1/10W	C200062260200	R350		Carbon chip 56 kohm 1/10W	C200056360200
R218		Carbon chip 18 kohm 1/10W	C200018360200	R350FL-		Carson Gup So Korell 1/1044	0230000000
		'	for E2	402FL		Carbon chip 4.7 kohm 1/10W	C200047260200
R218		Carbon chip 10 kohm 1/10W	C200010360200	R407		Carpon chip 4.7 Koren 171044	tor E2,E1,E1C,E1H,E11
			for E1,E1C,E1H,E1T				L. L. T. C. T. C. T. C.
R220SW		Carbon chip 8.2 kohm 1/10W	C200082260200	CARACIT	ORS GROU		
R221SW		Carbon chip 3.6 kohm 1/10W	C200036260200				D040822080010
R222SW		Carbon chip 8.2 kohm 1/10W	C200082260200	BC201	963 0061 504	Electrolytic ozoopt 75.5 v	50.0022000.0
R223,224		Carbon chip 10 kohm 1/10W	C200010360200			Electrolytic 100µF/10V	D040101082080
		·	for E2	C201		Ceramic 0.01µF/16V	D005103773530
R223,224	ļ	Carbon chip 100 kohm 1/10W	C200010460200	C201S		Ceramic chip 0.01µF/50V	D011103777200
,	ĺ		for E3,EU,E1,E1C,E1H,E1T	C202,203		Electrolytic 4.7µF/50V	D0404R7087100
R223SW		Carbon chip 100 ohm 1/10W	C200010160200	C204		Ceramic chip 0.1µF/50V	D011104777200
R224SW		Carbon chip 100 kohm 1/10W	C200010460200	C205	i	Cereatic crap of the 1904	for E3.EU
R225		Carbon chip 2.2 Mohm 1/10W	C200022560200			Electrolytic 47µF/16V	D040470083080
			tor E2	C206		Electronian de la companya de la com	for E2
R229,230	244 2051 961	Metal film 100 ohm 1W	C060010165060	11		Ceramic 0.01µF/16V	D005103773530
R237		Carbon chip 1 kohm 1/10W	C200010260200	C207		Ceranic Colprisor	tor E2
R239C.FL.		Carbon chip 100 kohm 1/10W	C200010460200	II		Ceramic 270pF/50V	D005271277520
FR.SL.SR.SV	4			C208		Celanic 27 opriod 4	for E2
R240C.FL.	1	Carbon chip 100 ohm 1/10W	C200010160200	11		Figure the SOLEFON	D040100087050
FR.SL.SR.SV	w			C209	1	Electrolytic 10µF/50V	tor E2
R241C.FL.	1	Carbon chip 100 kohm 1/10W	C200010460200	11		D	D011103777200
FR,SL,SR,SI				C210	1	Ceramic chip 0.01µF/50V	for E2
R242C,FL.		Carbon chip 7.5 kohm 1/10W	C200075260200	11			D010220167200
FR.SL.SR		Oggodi disp 1.5 million		C211		Ceramic chip 22pF/50V	for E2
R242SW		Carbon chip 6.8 kohm 1/10W	C200068260200	11	İ		D010101167200
R2425W R243C.FLF		Carbon chip 10 kohm 1/10W	C200010360200	C211SW		Ceramic chip 100pF/50V	D010101167200
	l l	Carbon chip 1.3 kohm 1/10W		C212	1	Ceramic chip 22pF/50V	
R244C,FL		CONSUME CONSUME FROM	52000.00.00	11			tor E2 D010470167200
FR.SL,SR R244SW		Carbon chip 620 ohm 1/10W	C200062160200	C212SW		Ceramic chip 47pF/50V	D011473777200
		Carbon chip 100 kohm 1/10/		C213-219		Ceramic chip 0.047µF/50V	
R246C,SL	٠	Camon cash inn imigi n to	CEUDIONOESO	C213FLF	R	Ceramic chip 100pF/50V	D010101167200
SR,SW	1	1	4	C218FLF	- 1	Ceramic chap 33pF/50V	D010330167200

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks	
C219FL,FR,		Electrolytic 10µF/35V	D040100085100	C323		Mylar film 0.1µF/100V	D02010406C060	
SW,C220		Electrolytic 10µF/35V	D040100085100	C324		Electrolytic 47µF/25V	D040470084070	
C221FL,FR,		Electrolytic 4.7µF/50V	D0404R7087100	C325,326		Ceramic chip 100pF/50V	D010101167200	
C222SW,				C328		Ceramic chip 0.047µF/50V	D011473777200	
C223SL,SR				1				
C225,226		Ceramic chip 0.047µF/50V	D011473777200	OTHER	ARTS GROU	10		Q'ty
C227		Electrolytic 10µF/35V	D040100085100				7610035800020	2
C228-230		Ceramic chip 100pF/50V	D010101167200	CB201,202	963 0053 800	BEADS INDUCTOR	/810033800020	١ ٠
C230C,		Electrolytic 4.7µF/50V	D0404R7087100	CN301A	960 0197 602	17P FFC connector base	L131520441745	1
C231C,SL,				CN301A CN302	960 0197 806	3P connector cord	L000101030040	ļ ;
SR.SW				CN301B	960 0197 709	17P FFC connector base	L131520451745	1
C231-234		Ceramic chip 100pF/50V	D010101167200	CP301	963 0049 102	3P connector cord	L102526803010	;
C231FLFR		Electrolytic 10µF/35V	D040100085100	CP301	960 0116 803	12P connector base	L101353361210	i .
C232C,FL,		Ceramic chip 56pF/50V	D010560167200	CP401	963 0047 104	11P connector base	L101353361210	
FR,SW						19P connector base	L101353361910	1
C232SL,SR		Ceramic chip 39pF/50V	D010390167200	CP551 CP552	963 0061 106 963 0049 403	18P connector base	L101353361810	١,
C233C,FL,FR		Ceramic chip 2200pF/50V	D011222777200		963 0049 403	6P connector base	L101353360610	1
C234C,FL,FR		Ceramic chip 680pF/50V	D010661167200	CP601			L101353360610	1
C235,235SW		Ceramic chip 100pF/50V	D010101167200	CP701	963 0047 201	16P connector base	L101353361610	' '
C236		Electrolytic 1µF/50V	D040010087080	CP702	963 0047 104 963 0047 201	11P connector base	L101353361610	;
C237		Electrolytic 0.1µF/50V	D040R10087070	CP801				
C238		Electrolytic 1µF/50V	D040010087080	CP802	963 0049 403	18P connector base	L101353361810	1.
C239	1	Ceramic chip 0.047µF/50V	D011473777200	CP803	963 0048 705	6P connector base	L101353360610	l .
C240		Electrolytic 1µF/50V	D040010087080	CP901	963 0060 806	11P connector base	L101220110000	'
C241		Electrolytic 10µF/35V	D040100085100			Onder this Colon 4 1994	C200000061300	3
C242		Ceramic chip 1000pF/50V	D010102167200	J324~326		Carbon chip 0 ohm 1/8W	C200000061300	
C243,244		Ceramic chip 0.047µF/50V	D011473777200	J355		Carbon chip 0 ohm 1/8W	C200000001300	'
C245		Ceramic chip 100pF/50V	D010101167200		000 0040 007	land-man 40-14	D330100700520	1
C246	Ì	Electrolytic 10µF/35V	D040100085100	L301	960 0010 307	Inductor 10µH		
C246SW		Electrolytic 4.7µF/50V	D0404R7087100	L302	960 0128 008	Inductor 100µH	D330101001020] '
C247		Ceramic chip 100pF/50V	D010101167200			To at an itah	G180000270010	22
C248		Ceramic chip 1000pF/50V	D010102167200	SW301~322	963 0045 708	Tact switch	G100000270010	1"
C249	960 9003 108	Ceramic 0.022µF/25V	D005223594520	UECON: 200	000 0101 007	Batan, angedes	G121162420400	2
C250	'	Ceramic chip 100pF/50V	D010101167200	VEC-301,302	960 0181 207	Rotary encoder	for E3,EU,E2,E11	
C251		Electrolytic 22µF/16V	D040220083070	VEC301 303	242 0422 002	Rotary encoder	for E1,E1C,E1H	1
1				VEC301,302	212 0422 000	nousy encodes	101 21,210,2111	~
C301~304		Ceramic chip 0.01µF/50V	D011103777200	X201	960 0181 003	Resonator CST12.0MTW-TF01	E830120000050	1
C305~308		Ceramic chip 100pF/50V	D010101167200	X202	960 0091 805	Crystal 4.332MHz	E8004R3320051	1
C309		Ceramic chip 0.022µF/50V	D011223777200	A202	300 0031 503	Ciysiai 4.302/iii iz	for E2	1
C310		Ceramic chip 100pF/50V	D010101167200				101 22	
C311		Ceramic chip 30pF/50V	D010300167200	11	960 0184 408	FLT holder	4320200026000	1
C312		Ceramic chip 0.047µF/50V	D011473777200	11 -	960 0180 509	FLT (16-ST-42GNK)	K530164200010	1
C313		Mylar film 0.01µF/100V	D02010306C080	-	300 0100 303	Earth wire	L046221014580	1 .
C314	963 0021 900	Mylar film 0.047µF/100V	D02047306C060	-	_	Edini and	201022101-000	Ί.
C315		Electrolytic 1µF/50V	D040010087080					
C316		Electrolytic 10µF/50V	D040100087050	[]	1	ł		
C317		Electrolytic 47µF/10V	D040470082050	11				
C318	963 0021 900	Mylar film 0.047µF/100V	D02047306C060	11				
C319		Electrolytic 10µF/35V	D040100085100					
C320		Electrolytic 1µF/50V	D040010087080	11				
C321	963 0021 900	Mylar film 0.047µF/100V	D02047306C060	H				
C322		Electrolytic 33µF/50V	D040330087060	H				
			1	1	1	1	1	

CNT P.W.B. UNIT

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
SEMICO	NDUCTORS	GROUP		REGISTA			
IC401	963 0043 700	IC LC72131	J120721310030	R401		Carbon chip 10 ohm 1/10W	C200010060200
IC402	963 0043 904	IC LA1266	J124126600010	R403		Carbon chip 470 ohm 1/10W	C200047160200
IC403	963 0044 000	IC LA3401	J124340100010	R404		Carbon chip 100 kohm 1/10W	C200010460200
			İ	R405	960 9003 807	Metal film 100 ohm 1/4W	C060010163050
IC551	960 0174 502	IC NJM2068DD	J121206800000	R406		Carbon chip 4.7 kohm 1/10W	C200047260200
IC552	963 0043 506	IC TC9184AP	J080918400010	R407		Carbon chip 470 ohm 1/10W	C200047160200
				R408		Carbon chip 1 Mohm 1/10W	C200017160200
IC601	960 0175 200	IC BA7625	J171762500000			Calbor Crip / Molili) 1/1011	
IC602	960 0195 400	IC PC74HC4094	J040744094020	8408		Carbon chip 680 ohm 1/10W	for ESLEULEI, ETC. ETH. ET
IC651.652	960 0175 200		J171762500000	1		Calbuil Chip 680 Bhiti 1/1049	C200068160200
IC653	963 0057 806		J126780500370	R409		Cartan abia 470 ab - 44004	for E2
			312070000070	R411		Carbon chip 470 ohm 1/10W	C200047180200
Q401	960 0189 102	Transistor KTC3880S-O	J522388000210	R412		Carbon chip 68 kohm 1/10W	C200068360200
Q402-404	269 0083 901	Transistor DTA114EK	J5200114E0210	R413		Carbon chip 5.6 kohm 1/10W	C200056260200
Q405.406	960 0196 603	Transistor KTC2874B	J502287400010	11		Metal film 220 ohm 1/4W	C060022163050
Q407	963 0024 208	Transistor DTC114YK		R414	1	Carbon chip 2.2 kohm 1/10W	C200022260200
Q408	269 0083 901	Transistor DTA114EK	J5220114Y0210	R415		Carbon chip 1 kohm 1/10W	C200010260200
Q409	960 0189 102		J5200114E0210	R416		Metal film 680 ohm 1/4W	C060068163050
Q=1/3	900 0109 102	Transistor KTC3880S-O	J5223880O0210	R417		Carbon chip 1 kohm 1/10W	C200010260200
			for E2	R418		Carbon chip 33 kohm 1/10W	C200033360200
Q551	000 0400 000	T		R420		Carbon chip 3.3 kohm 1/10W	C200033260200
	960 0196 700	Transistor KTC32008L	J5023200B0050	FI423		Carbon chip 22 kohm 1/10W	C200022360200
Q551SW,	960 0196 603	Transistor KTC28748	J502287400010	R424		Carbon chip 4.7 kohm 1/10W	C200047260200
552SW				R426,427		Carbon chip 10 kohm 1/10W	C200010360200
Q552	960 0196 302	Transistor KTA1268BL	J5001268B0050	R428		Carbon chip 3.3 kohm 1/10W	C200033260200
Q553~555	269 0046 906	Transistor DTA114ES	J6000114E0010	R429		Carbon chip B2 ohm 1/10W	C200082060200
Q553T	960 0196 904	Transistor DTC114YS (NPN)	J6020114Y0050	R430	960 9003 807	Metal film 100 ohm 1/4W	C060010163050
				R431		Carbon chip 5.1 kohm 1/10W	C200051260200
Q601~603	960 0005 105	Transistor KTA1266Y	J5001266Y0050	R432		Carbon chip 10 kohm 1/10W	C200010360200
Q651-656	960 0005 105	Transistor KTA1266Y	J5001266Y0050	R434	960 9003 807	Metal film 100 ohm 1/4W	C060010163050
				R435		Carbon chip 3.3 kohm 1/10W	C200033260200
D403	960 0197 000	Diade KDS160	K005016000010	R437		Carbon chip 100 kohm 1/10W	C200010460200
D404	963 0020 309	Diode 1SS133T	K000013300520	R438,439		Carbon chip 100 kohm 1/10W	C200010460200
D405,406	960 0197 000	Diode KDS160	K005016000010	11			for E3, BU, E1, E1C, E1H, E1T
				R438,439		Carbon chip 180 kohm 1/10W	C200018460200
D551,551T,	963 0020 309	Diode 1SS133T	K000013300520	1			for E2
552				R440,441		Carbon chip 120 kohm 1/10W	C200012460200
D552T	963 0058 601	Zener diode MTZJ128	K06012R044520			·	for E3.EU.E1.E1C.E1H.E1T
D553-561	963 0020 309	Diode 1SS133T	K000013300520	R440,441		Carbon chip 220 kohm 1/10W	C200022460200
D562	960 0117 608	Diode 1N4004A	K040400400520				for E2
D564	960 0095 607	Zener diode MTZJ5.6B	K06005R644520	R442,443		Carbon chip 3.3 kohm 1/10W	C200033260200
D565	963 0020 309	Diode 1SS133T	K000013300520	R444,445		Carbon chip ≣⊋ kohm 1/10W	C200082260200
							for E3.EU.E1.E1C.E1H.E1T
D601~606	960 0197 000	Diode KDS160	K005016000010	R448		Carbon chip 2.2 kohm 1/10W	C200022260200
D651-656	960 0197 000	Diode KDS160	K005016000010	R449		Carbon chip 3.9 kohm 1/10W	C200039260200
D652T	963 0061 601	Electrolytic 3300µF/10V	D040332082020	H			for E2
D657,658	960 0117 608	Diode 1N4004A	K040400400520	R450		Carbon chip 1 kohm 1/10W	C200010260200
						CONTRACTOR I SOURI INTO PE	tor E2
D901,902	960 0197 000	Diode KDS160	K005016000010	R455		Carbon chip 330 ohm 1/10W	C200033160200
	250 0.01 000	and House	NOOD TOO TO	R456		• • • • • • • • • • • • • • • • • • • •	
ZD401	060 0005 E00	Zener diode MTZJS.1B	K06005R144520	11		Carbon chip 100 ohm 1/10W	C200010160200
20701	300 0033 300	Lever GIUUS MILLIG.15	NUOLESTI 14432U	R458,459	Ann nann (Carbon chip 4.7 kohm 1/10W	C200047260200
				R460,461	963 9003 071	Carbon chip 2.7 Mohm 1/10W	C200027560200

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
R462-465		Carbon chip 470 ohm 1/10W	C200047160200	R683		Carbon chip 75 ohm 1/10W	C200075060200
R467,468	963 9003 071	Carbon chip 2.7 Mohm 1/10W	C200027560200	1	4		
R470		Carbon chip 1 kohm 1/10W	C200010260200	R901,902		Carbon chip 200 kohm 1/10W	C200020460200
R471VT		Carbon chip 220 ohm 1/10W	C200022160200	R903,904		Carbon chip 100 ohm 1/10W	C200010160200
B472		Carbon chip 100 ohm 1/10W	C200010160200	R903H,904H		Metal film 470ohm 2W	C060047166520
R473		Carbon chip 180 ohm 1/10W	C200018160200	R905,906		Carbon chip 200 kohm 1/10W	C200020460200
			for EQ	P907,908		Carbon chip 100 ohm 1/10W	C200010160200
R473		Carbon chip 0 ohm 1/10W	C200000060200	R909,910		Carbon chip 200 kohm 1/10W	C200020460200
			for E3,EU,E1,E1C,E1H,E1T	FI911,912		Carbon chip 100 ohm 1/10W	C200010160200
R475		Carbon chip 12 kohm 1/10W	C200012360200	R913-916		Carbon chip 220 ohm 1/10W	C200022160200
R476		Carbon chip 56 kohm 1/10W	C200056360200	R917~920		Carbon chip 100 kohm 1/10W	C200010460200
R478		Carbon chip 10 kohm 1/10W	C200010360200				
R479		Carbon chip 190 kohm 1/10W	C200010460200	VR401	960 0096 305	Semi fixed resistor 10kohm	C541103115000
		, , , , , , , , , , , , , , , , , , ,		VR402	960 0096 402	Semi fixed resistor 100kohm	C541104115000
R551SW.		Carbon chio 470 ohm 1/10W	C200047160200				for E2
552SW				VR402	963 0056 205	Semi fixed resistor 50kohm	C541503115000
R553FL .FR		Carbon chip 100 kohm 1/10W	C200010460200				ES,EU,E1,E1C,E1H,E1T
R553SW		Carbon chip 22 kohm 1/10W	C200022360200	VR403	963 0052 005	Semi fixed resistor 200kohm	C541204115000
R553T		Carbon chip 1 kohm 1/10W	C200010260200				1
R554SW		Carbon chip 10 kohm 1/10W	C200010360200				<u> </u>
R554T	244 2052 928	Metal film 47 ohm 1W	C060047065060		ORS GROU		T
R558FLFR		Carbon chip 4.7 kohm 1/10W	C200047260200	C401,402		Ceramic chip 1000pF/50V	D011102777200
R559	960 9005 902	Metal film 1.2 kohm 1/4W	C060012263050	C403		Ceramic chip 0.022µF/50V	D011223777200
R559FLFR		Carbon chip 22 kohm 1/10W	C200022360200	C404		Ceramic 2pF/50V	D000020007050
R560FLFR		Carbon chip 510 kohm 1/10W	C200051460200	C405		Ceramic chip 0.022µF/50V	D011223777200
R561FL,FR	}	Carbon chip 33 kohm 1/10W	C200033360200	C406		Ceramic chip 18pF/50V	D010180167200
R563FL,FR		Carbon chip 390 ohm 1/10W	C200039160200	C408		Ceramic 6pF/50V	D000060007050
R564FLFR		Carbon chip 470 ohm 1/10W	C200047160200	C409		Ceramic 100pF/50V	D005101177520
R565	960 9005 902	Metal film 1.2 kohm 1/4W	C060012263050	C410		Ceramic 470pF/50V	D006471277520
R567FLFR	000 0000 000	Carbon chip 470 kohm 1/10W	C200047460200	C411		Ceramic chip 1000pF/50V	D011102777200
R569	Ì	Carbon chip 68 ohm 1/10W	C200068060200	C412		Ceramic chip 0.022µF/50V	D011223777200
R570	960 9005 902	Metal film 1.2 kohm 1/4W	C060012263050	C413		Ceramic chip 100pF/50V	D010101167200
				C414		Electrolytic 2.2µF/50V	D0402R2087100
R651~658	1	Carbon chip 75 ohm 1/10W	C200075060200	C415		Electrolytic 47µF/25V	D040470084070
R651T,652T	963 9003 039		C060001063050	C416		Electrolytic 10µF/35V	D040100085100
R660		Carbon chip 10 kohm 1/10W	C200010360200	C417		Electrolytic 100µF/16V	D040101083100
R661	244 2051 961	Metal film 100 ohm 1W	C060010165060	C418		Ceramic chip 0.01µF/50V	D011103777200
R662		Carbon chip 68 ohm 1/10W	C200068060200	C419		Electrolytic 10µF/35V	D040100085100
R663		Carbon chip 10 kohm 1/10W	C200010360200	C420,421		Ceramic chip 22pF/50V	D010220167200
R664	244 2051 961	1	C060010165060	C422		Ceramic chip 470pF/50V	D010471167200
R665		Carbon chip 68 ohm 1/10W	C200068060200	C423,424		Ceramic chip 0.022µF/50V	D011223777200
R666		Carbon chip 10 kohm 1/10W	C200010360200	C425		Electrolytic 4.7µF/50V	D0404R7087100
R667	244 2051 961	Metal film 100 ohm 1W	C060010165060	C426	1	Electrolytic 3.3µF/50V	D0403R3087100
R671		Carbon chip 68 ohm 1/10W	C200068060200	C427		Electrolytic 4.7μF/50V	D0404P7087100
R672		Carbon chip 10 kohm 1/10W	C200010360200	C428		Ceramic chip 0.022µF/50V	D011223777200
R673	244 2051 961	,	C060010165060	C430	963 0021 900		D02047306C060
R674		Carbon chip 68 ohm 1/10W	C200068060200	C431		Ceramic chip 33pF/50V	D010330167200
R675		Carbon chip 10 kohm 1/10W	C200010360200	C432		Electrolytic 47µF/25V	D040470084070
R676	244 2051 961	,	C060010165060	C433		Ceramic chip 0.022µF/50V	D011223777200
R677	247 2001 301	Carbon chip 68 ohm 1/10W	C200068060200	C434		Electrolytic 1µF/50V	D040010087080
R678		Carbon chip 10 kohm 1/10W	C200010360200	11			for E3,EU
R679	244 2051 961		C060010165060	C434		Electrolytic 0.33µF/50V	D040R33087100
	2001 301	1	1	11	1		for E2,E1,E1C,E1H,E1T

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks	_
C435,436		Ceramic chip 0.022µF/50V	D011223777200	C560FL,FR		Myter film 0.0033µF/100V	D02033206C060	
C437		Electrolytic 47µF/25V	D040470084070	C561FL,		Mylar film 0.0068µF/100V	D02068206C060	
C438		Electrolytic 1µF/50V	D040010087080	562FR				
C439		Electrolytic 0.22µF/50V	D040R22087100					
C440,441		Electrolytic 1µF/50V	D040010087080	C601~604		Electrolytic 4.7µF/50V	D0404R7087100	
C442		Electrolytic 2.2µF/50V	D0402R2087100	C605		Electrolytic 470µF/6.3V	D040471081060	
C443		Electrolytic 10µF/35V	D040100085100	C606,607		Electrolytic 10µF/16V	D040100083100	
C444		Electrolytic 4.7µF/50V	D0404R7087100	C608,609		Electrolytic 470µF/6.3V	D040471081060	
C445		Electrolytic 10µF/35V	D040100085100	C610		Electrolytic 10µF/16V	D040100083100	
C446,447		Ceramic 270pF/50V	D004271067060	C611		Electrolytic 100µF/10V	D040101082060	
			for E3,EU,E2	C612		Electrolytic 100µF/16V	D040101083100	
C445,447		Ceramic 180pF/50V	D000181067080	C613		Electrolytic 1µF/50V	D040010087080	
			for E1.E1C.E1H.E1T	C614		Ceramic chip 0.047µF/50V	D011473777200	
C448,449		Geramic 470pF/50V	D004471067060	C651~658		Electrolytic 4.7µF/50V	D0404R7087100	
			for E3.EU	C651T	963 0021 900	F/100VنيF/100V	D02047306C060	
C448,449		Ceramic 330pF/50V	D000331167070	C653T			D040010067080	
			for E1,E1C,E1H,E1T	C659		,	D040471081060	
C450.451		Electrolytic 10µF/35V	D040100085100	C660		and any are in the interest	D040100083100	
C452		Electrolytic 100µF/16V	D040101083100	C661			D040471081060	
C453		Ceramic chip 27pF/50V	D010270167200	C662			D040100083100	
0400		Contains only 27ph 1504	for E2.E1.E1C.E1H.E1T	C663		Electrolytic 470µF/6.3V	D040471081060	
C455		Ceramic chip 0.022uF/50V	D011223777200	C664		Electrolytic 10µF/16V	D040100083100	
V-30		Ceremic cup o.occur /307	for E1.E1H.E1T	C665	ĺ	Electrolytic 100µF/10V	D040101082060	
C456		Ceramic chip 680pF/50V	D010681167200	C666		Electrolytic 470µF/6.3V	D040471081080	
C457~460		Ceramic chip 100pF/50V	D010101167200	C667		Electrolytic 10µF/16V	D040100083100	
C461		Ceramic chip 100pF/50V	D010220167200	C668		Electrolytic 470µF/6.3V	D040471081080	
C462		Ceramic chip 470pF/50V	D010471167200	C669		Electrolytic 10µF/16V	D040100083100	
U402		Ceramic crip 47 opr/304	for E	C670		Electrolytic 470µF/6.3V	D040471081060	
C463		Mylar film 0.056uF/100V	D02056306C060	C671		Electrolytic 10µF/16V	D040100083100	
C464		Ceramic 3pF/50V	D000030007050	C672		Electrolytic 100µF/10V	D040101082060	
C471VT		Electrolytic 1µF/50V	D040010087080	C673,674		Electrolytic 1µF/50V	D040010087080	
C472VT		Ceramic chip 0.047µF/50V	D011473777200	C675		Electrolytic 100µF/16V	D040101083100	
C4/211		Containe cup otory person	5011473777230	C676,677		Ceramic chip 0.047µF/50V	D011473777200	
C551		Electrolytic 2.2µF/50V	D0402R2087250	C681-683		Ceramic 100pF/50V	D005101177520	
C551M		Electrolytic 100µF/35V	D040101085100	0.001-000		GOVERNO TOUR TOUR		
CSS186 CSS1S		Ceramic 0.047µF/S0V	D005473597520	C901-906		Ceramic chip 220pF/50V	D010221167200	
		Electrolytic 100µF/16V	D040101083100	C901-908		Ceramic 0.001µF/50V	D005102177530	
C551T,552T			D040R10087070	C903H		Electrolytic 1µF/50V	D040010087080	
C552		Electrolytic 0.1µF/50V	D040110085100	C904H	960 9003 108	Ceramic 0.022uF/25V	D005223594520	
C552FL,FR		Electrolytic 10µF/35V		C907-910	300 3003 100	Ceramic chip 100pF/50V	D010101167200	
C553		Electrolytic 0.1µF/50V	D040R10087070	C907-910		Ceramic 0.01µF/50V	D004103097060	
C553FL,FR		Ceramic chip 100pF/50V	D010101167200	Lati		Ceramic 0.0 (pr/1904	5004.0000.000	
C553T,554T		Ceramic chip 0.1µF/50V	D011104777200					_
C554		Electrolytic 0.1µF/50V	D040R10087070	OTHER P	ARTS GRO	UP		C
C554FL,FR		Electrolylic 10µF/35V	D040100085100	CF401,402	960 0187 104	Ceramic filter SFE10.7MA8	E430107000140	۱
C555		Ceramic 0.01µF/16V	D005103773530				for E3,EU	
C555FL,FR	1	Ceramic chip 47pF/50V	D010470167200	CF401,402	960 0177 509	Ceramic filter SFE10.7MS3GF	E430107000150	١
C556		Ceramic 0.01µF/16V	D005103773530				for E2,E1,E1C,	
C556FL,FR		Electrolytic 10µF/35V	D040100085100	11			E1H,E1T	
C557		Electrolytic 10µF/35V	D040100085100	CF403	960 0187 609	Ceramic resonator	E830450000070	1
C557FL,FR		Mylar film 0.01µF/100V	D02010306C080					1
C558FL,FR	I .	Mylar film 0.056µF/100V	D02056306C060	CN105	963 0059 105	2P connector base	L000121020040	
CS59FL,FR		Mytar film 0.022µF/100V	D02022306C060		1-20 0000 100			1

Ref. No.	Part No.	Part Name	Remarks	Qty	Ref. No.	Part No.	Part Name	Remarks	an
CN392	960 0198 009	2P connector cord	L000800020040	1	J654		Carbon chip 0 ohm 1/10W	C200000060200	1
			for E3,EU					for E2,E1,E1C,	
CN401	960 0117 103	12P connector base	L101352371210	1]			E1H,E1T	l
CN401E	963 0059 008	7P connector socket	L000101080050	1	J655		Carbon chip 0 ohm 1/8W	C200000061300	1
CN402	963 0046 600	11P connector base	L101352371110	1	i i			for E2,E1,E1C,	
CN551	963 0061 009	19P connector base	L101352371910	1	ł I			E1H,E1T	
CN552	963 0050 609	18P connector base	L101352371810	1					
CN553	963 0049 801	20P connector base	L101352372010	1	L401	963 0052 102	Inductor 1µH	D3301R0001020	1
CN554	963 0059 804	15P connector cord	L000800150010	1	L402	960 0010 307	Inductor 10µH	0330100700520	1
CN601	963 0050 308	6P connector socket	L101352370610	1	L403	963 0056 409	MW IF COIL REWOTVB-K5025 BLK	D950500500010	1
CN602	963 0059 503	7P connector cord	L000181070020	1					
O-ROLL	300 0000 000	7. 000000000000000000000000000000000000	for E3.EU		RELAYS51	963 0052 607	Relay (G5V-2 DC12V)	G680120202010	1
CN602	963 0059 406	7P connector cord	L000161070010	,					1
CHOOZ	300 0003 400	71 GORNAGIOI GOIG	for E2.E1.E1C.	Ċ	SW391-396	963 0045 708	Tact switch	G180000270010	В
			E1H.E1T		SW401	963 0056 700	SLIDE SW	G060110100010	1
CN901	960 0197 301	3P connector cord	L352103263300	1	11			for E1.E1H.E1T	
CN902	963 0059 600	11P connector cord	L000281110010	1	SW901	963 0056 603	Push switch	G000040890000	1
CMSUZ	302 (023 000	THE CONTINUENT COIN	LOOGEDITIONIO		0	340		for E2.E1,E1C,	
CP302	963 0049 908	3P connector base	L101220030010	1	H	1		EIHEIT	
		•	L101220030010	1	l I				
CP392	963 0048 909	3P connector base	for E3.EU	,	T401	960 0186 600	MW IF COIL PCFMAF-270	D950500200000	1
	*** **** ***	20	L000351020040	1	T402	960 0007 349	FM DET TRANS	D951561100000	Ł
CP392	963 0059 707	2P connector base	+	, ,	T402	960 0007 352	FM DET TRANS	D951561200000	1.
			for E2,E1,E1C,		T404,405	960 0007 332	MPX filter	E401500100000	1
			E1H,E1T		1404,405	960 00/1 20/	MILY LIKEL	for E2	1 -
CP602		7P connector base	L101220070010	1	T406	000 0007 007	a adhiadia dibaa	E403126832410	١,
CP603	960 0123 207	3P connector base	L102526700300	1	1406	960 0037 607	antibirdie filter	for E2	Τ'
FE401	960 0187 706	Front end	E900401010020	1				IOF EZ	1
		_		١.			0 70105	E8007R2000071	1 1
G901	_	1P wire	8410800010010	1	X401	960 0187 405			t
					X402	963 0043 302	Resonator CSB456F11	E830456000050	"
H/SINK	-	Heat sink	2120210238000	1	11			4010210196000	. 2
			for E2,E1,E1C,		-		Screw bracket	10.00	1 -
			E1H,E1T		-		Shield tuner pack	3070210056000	1
					-	960 0184 602		4470210146000	•
J402		Carbon chip 0 ohm 1/8W	C200000061300	1	-	-	1P wire	8410800010030	1
	İ		for EU,E2,E1,		-	1	3P antenna terminal	G593021068010	
			E1C,E1H,E1T	1	-	960 0188 200		G602040610000	1
J403,404		Carbon chip 0 ohm 1/8W	C200000061300	2	-	963 0061 708		4470210196000	
			for E3		-	963 0057 000	1 ' '	G60001000303	
J405~408		Carbon chip 0 ohm 1/8W	C200000061300	4	11	960 0188 404	1 ' '	G60603016402	
			for EU,E2,E1,		11 -	963 0018 007	Screw (2S 3x8 ZNY/BH)	B020030081B1	0 1
			E1C,E1H,E1T		11			for E2,E1,E1C,	
J551~556		Carbon chip 0 ohm 1/8W	C200000061300	6	11	1		E1H,E1T	1
	1		for E3,EU		11 –	960 0181 304		G40204219000	
J583,584		Carbon chip 0 ohm 1/8W	C200000061300	2	-	960 0181 401	4P S terminal	G40304001001	- 1
J585,586		Carbon chip 0 ohm 1/10W	C200000060200	2	-	960 0188 307	6P pin jack	G60306061001	- 3
J587		Carbon chip 0 ohm 1/8W	C200000061300	1	-	960 0143 203	AC outlet	G43504011000	- 1
			for E1,E1C,E1H,E1T		11			for E2,E1,E1H,E17	1
J651-653		Carbon chip 0 ohm 1/8W	C20000006130	3	-	960 0176 209	Push switch	G00012200001	0
			for E2,E1,E1C,		H			for E3,EU	
			E1H,E1T		-	960 0187 500	Head phone jack(D6.5)	G40203840003	31
					11 -		4P pin jack	G60204061000	00
			-		-	960 0188 20	o j er pin jack	G00204001000	

DSP	P.W.B.	UNIT

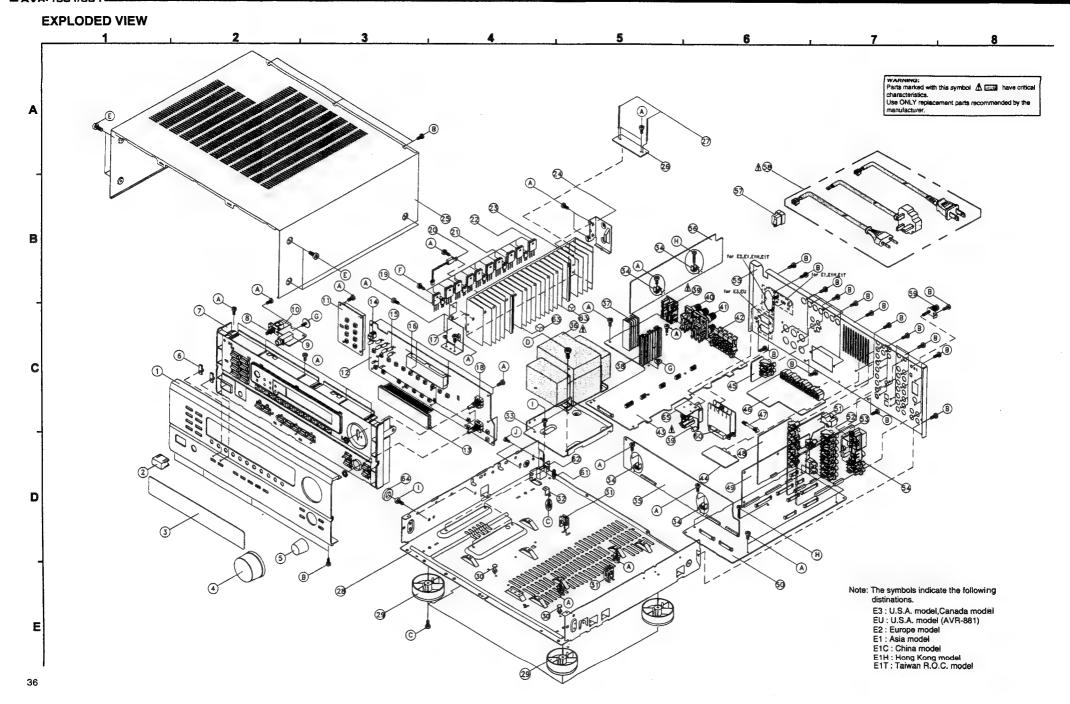
PRE-AM					_		/.B. UNIT		
Ref. No.	Part No.	Part Name	Remark	8	L	Ref. No.	Part Ng.	Part Name	Remarks
	DUCTORS				7	SEMICO	NDUCTORS	GROUP	
Q501C,FL,	960 0196 603	Transistor KTC2874B	J502287400010)	١	IC803	963 0023 500	IC MC74HCU04AD	J040740400200
FR,M,SL,		1			1	/C805,806	963 0043 807	IC BA4510F	J121451000010
Q501SR,			1		1	IC807	960 0195 002	IC W27C020	J000270200010
Q502M,503M					1	iC807S	963 0025 508	32P IC socket	G450320000010
Q502C,FL,	960 0196 205	Transistor KSA992F	J5000992F0050)	1	iC808,809	960 0179 206	IC DC74HCT574	J040745740040
FR,SL,SR					П	IC810	960 0195 507	IC LC89055W	J046890550010
Q503C,FL,		}			П	IC811	960 0195 905	IC BA033FP	J12603R300020
FR,SL,SR		ļ			ı	IC812	960 0195 701	IC CS492604	J080492604010
	960 0196 506	Transistor KSC1845F	J5021845F0000	1	ı	IC813	960 0195 604	IC AK4527VQ	J080452700010
FR,SL,SR					1	IC814~816	960 0174 502	IC NJM2068DD	J121206800020
					1	IC821	960 0195 206	IG TC74HC125D	J040741250130
RESISTO	RS GROUP				1	IC822	960 0195 109	IC SN74LV00APW	J040740000170
Q609C,FL,	960 9005 902	Metal film 1.2 kohm 1/4W	C060012263050		1	IC828	963 0043 409	IC DC74HCT244	J040742440080
FR.SL.SR	300 300 300	WOOD INN 1-2 NOISH 17494	C000012203030		ı	IC829	960 0196 001	IC NJM7805FA (S)	J126780500130
,	960 9004 301	Metal film 47 ohm 1/4W	C060047063050		1	IC830	963 0043 409	IC DC74HCT244	J040742440080
FR,SL,SR	300 300+ 301	MARIE MEIL AL CHER (1444	C0000#7083030	'	1	IC831	960 0195 303	IC SN74LV4040	J040744040020
11,00,01					ı				
					J	Q804C,FL,	960 0196 603	Transistor KTC2874B	J502287400010
CAPACITO	ORS GROU	•			1	FR,SL,SA,SW			
C501C,FL,		Electrolytic 22µF/16V	D040220083070	ı	1	Q805	269 0083 901	Transistor DTA114EK	J5200114E0210
FR,SL,SR					1	Q806	269 0082 902	Transistor DTC114EK	J5220114E0210
C501M.502C.		Electrolytic 10µF/35V	D040100085100	1	ı	Q807	269 0083 901	Transistor DTA114EK	J5200114E0210
FL,FR,SL,SR					1				
C503C,FL,	963 9003 165	Ceramic 220pF/500V	D009092212500	,	ı	D801,	960 0197 000	Diode KDS160	K005016000010
FR,SL,SR					ı	805-807			
C504C,FL,	963 9003 178	Ceramic 220pF/50V	D005221277520		ı				
FR,SL,SR			1		ı	PERIOTO	RS GROUP		<u> </u>
C505C,FL,	963 9003 181	Ceramic 33pF/500V	D00033006D050		I	J824.828	ns unour	0-4	
FR,SL,SR			1		ı	3024,828		Carbon chip 0 ohm 1/10W	C200000060200
C506C,FL,		Electrolytic 100µF/10V	D040101082060	1	Г	R801		Carbon able 6 Thebre 414 MM	00000 17000000
FR,SL,SR					Т	R817-825		Carbon chip 4.7 kohm 1/10W	C200047260200
C507C,FL,	963 9003 194	Mylar film 0.0022µF/100V	D02022206C060	1	L	R829		Carbon chip 10 kohm 1/10W	C200010360200 C200000060200
FR,SL,SR					L	R830,831		Carbon chip 0 ohm 1/10W	C200010360200
C514FL,FR		Electrolytic 10µF/35V	D040100085100		I	R834,835		Carbon chip 10 kohm 1/10W	
					Г	R836		Carbon chip 4.7 kohm 1/10W Carbon chip 10 kohm 1/10W	C200047260200 C200010360200
OTHER DA	ARTS GROU	10		QT	-	R837		Carbon chip 47 ohm 1/10W	C200047060200
	963 0046 406	9P connector base	T	-	4	R836		Carbon chip 10 kohm 1/10W	C200010360200
	963 0050 201		L101352370910	1	ı	R839,842		Carbon chip 4.7 kohm 1/10W	C200047260200
	963 0050 201	5P connector base	L101352370510	1	Г	R848		Carbon chip 100 ohm 1/10W	C200010160200
Chaus	903 0030 306	6P connector base	L101352370610	1	ı	R850		Carbon chip 75 ohm 1/10W	C200075060200
CP506	963 0060 709	20		١.	ı	R854		Carbon chip 2.2 kohm 1/10W	C200075060200
		8P connector base	L101220080000	1	L	R854LR		Carbon chip 47 kohm 1/10W	C200022260200
UP304	963 0060 903	15P connector base	L101220150000	1	ı	R855		Carbon chip 100 kohm 1/10W	C200010460200
	000 0404 000	C			ı	R856		Carbon chip 10 kohm 1/10W	C200010460200
-	960 0184 000	Screw bracket	4010210196000	2	ı	R858.859		Carbon chip 0 ohm 1/10W	C200010360200
1					1			•	
1					1	R859R,		Carbon chip 4.7 kohm 1/10W	C200047260200
			1			R860L,R		Codes ship 47 -L- 4400**	020004700000
					ı	R861		Carbon chip 47 ohm 1/10W	C200047060200
						R861L,R		Carbon chip 470 ohm 1/10W	C200047160200
					1	R862,863		Carbon chip 0 ohm 1/10W	C200000060200
			1		J	R862L,R	Ł.	Carbon chip 4.7 kohm 1/10W	C200047260200

AVR-1801/881

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
R863L,R		Carbon chip 470 ohrn 1/10W	C200047160200	C817		Electrolytic 0.1µF/50V	D040R10087070
R864C,FL		Carbon chip 100 kohm 1/10W	C200010460200	C818		Ceramic chip 0.1µF/50V	D011104597200
FR,SL,SR,SW				C820		Electrolytic 47µF/10V	D040470082050
R866		Carbon chip 10 kohm 1/10W	C200010360200	C821		Electrolytic 1000µF/6.3V	D040102081060
R866C,FL,		Carbon chip 4.7 kohm 1/10W	C200047260200	C822,823		Ceramic chip 0.1µF/50V	D011194597200
FRSLSRSW				C824		Electrolytic 100µF/10V	D040101082060
R867		Carbon chip 100 kohm 1/10W	C200010460200	C825		Electrolytic 1µF/50V	D040010087050
R867C,FL,		Carbon chip 4.7 kohm 1/10W	C200047260200	C826		Electrolytic 10µF/35V	D040100085050
FR.SL.SR.SW				C827		Ceramic chip 0.1µF/50V	D011104597200
R868C.FL.				C828		Ceramic chip 0.01µF/50V	D011103777200
FR.SL.SR.SW				C829		Electrolytic 10µF/35V	D040100085050
R869C.FL				C830,832		Ceramic chip 0.1µF/50V	D011104597200
FR,SL,SR,SW				C836		Electrolytic 220µF/6.3V	D040221081050
R870C.FL.		Carbon chip 1 kohm 1/10W	C200010260200	C837,838		Ceramic chip 0.1µF/50V	D011104597200
FR,SL,SR,SW				C839		Ceramic chip 0.22µF/50V	D011224597200
R871C,FL		Carbon chip 100 kohm 1/10W	C200010460200	C840		Electrolytic 2.2µF/50V	D0402R2087250
FR.SLSR.SW				C841		Electrolytic 47µF/10V	D040470082050
R872C,FL,		Carbon chip 2.2 kohm 1/10W	C200022260200	C842		Ceramic chip 0.1µF/50V	D011104597200
FR.SL.SR.SW				C843		Electrolytic 100µF/10V	D040101082060
R880.881		Carbon chip 47 ohm 1/10W	C200047060200	C844		Ceramic chip 0.1µF/50V	D011104597200
R895		Carbon chip 100 kohm 1/10W	C200010460200	C854,855		Electrolytic 100µF/25V	D040101084060
				C856-863		Ceramic chip 0.1µF/50V	D011104597200
R911		Carbon chip 10 kohm 1/10W	C200010360200	C864L,R		Electrolytic 10µF/35V	D040100085050
R913		Carbon chip 1 Mohm 1/10W	C200010560200	C865LR		Ceramic chip 100pF/50V	D010101167200
R922		Carbon chip 4.7 kohm 1/10W	C200047260200	C869LR		Ceramic chip 100pF/50V	D010101167200
R923		Carbon chip 6.2 kohm 1/10W	C200062260200	C871L,R		Ceramic chip 1000pF/50V	D011102777200
R927		Carbon chip 75 ohm 1/10W	C200075060200	C873C,FL,		Ceramic chip 680pF/50V	D010681167200
R928		Carbon chip 5.1 kohm 1/10W	C200051260200	FR.SL.SR.SW		' '	
R929		Carbon chip 8.2 kohm 1/10W	C200082260200	C874C,FL,			
R930		Carbon chip 3 kohm 1/10W	C200030260200	FR.SL.SR.SW			
R931		Carbon chip 6.2 kohm 1/10W	C200062260200	C875C,FL,		Electrolytic 10µF/35V	D040100085050
R931LR		Carbon chip 18 kohm 1/10W	C200018360200	FR,SL,SR,SW		' '	
R932		Carbon chip 4.7 kohm 1/10W	C200047260200	C876C,FL,		Ceramic chip 3300pF/50V	D011332777200
R938		Carbon chip 470 kohm 1/10W	C200047460200	FR,SL,SR,SW			
R940		Carbon chip 10 kohm 1/10W	C200010360200	C878		Electrolytic 100µF/10V	D040101082060
R941		Carbon chip 470 ohm 1/10W	C200047160200	C880C,FL,		Electrolytic 10µF/35V	D040100085050
R942,943		Carbon chip 0 ohm 1/10W	C200000060200	FR,SL,SR,SW			
R945,946		Carbon chip 0 ohm 1/10W	C200000060200	C894,896		Ceramic chip 0.1µF/50V	D011104597200
R947,948		Carbon chip 0 ohm 1/10W	C200000060200				
R949		Carbon chip 47 ohm 1/10W	C200047060200	C908,909		Ceramic chip 27pF/50V	D010270167200
R950,951		Carbon chip 0 ohm 1/10W	C200000060200	C916		Ceramic chip 0.1µF/50V	D011104597200
R952~954		Carbon chip 100 ohm 1/10W	C200010160200	C917		Electrolytic 10µF/35V	D040100085050
		·		C918		Ceramic chip 0.1µF/50V	D011104597200
	<u> </u>	1		C919		Ceramic chip 0.01µF/50V	D011103777200
	ORS GROU		1	C920		Ceramic chip 0.1µF/50V	D011104597200
C801		Ceramic chip 0.1µF/50V	D011104597200	C921		Ceramic chip 0.01µF/50V	D011103777200
C802,803		Ceramic chip 22pF/50V	D010220167200	C923,925		Ceramic chip 0.1µF/50V	D011104597200
C805		Ceramic chip 22pF/50V	D010220167200	C926		Electrolytic 10µF/35V	D040100085050
C808	1	Ceramic chip 0.1µF/50V	D011104597200	C931,935		Ceramic chip 0.01µF/50V	D011103777200
C809		Electrolytic 100µF/10V	D040101082060	C936		Ceramic chip 0.1µF/50V	D011104597200
C810	[Ceramic chip 0.1µF/50V	D011104597200	C937		Electrolytic 10µF/35V	D040100085050
C811		Electrolytic 47µF/10V	D040470082050	C938		Electrolytic 1µF/50V	D040010087050
C816		Ceramic chip 22pF/50V	D010220167200	H			

VOLTAGE SEL P.W.B. UNIT

Ref. No.	0		· · · · · · · · · · · · · · · · · · ·			E SEL	W.B. UNIT		
	Part No.	Part Name	Remark	(8	Ref. No.	Part No.	Part Name	Remarks	Q
C939,940		Ceramic chip 0.01µF/50V	D01110377720	0	OTHER	PARTS GRO	UP		
C943		Electrolytic 0.1µF/50V	D040R1008707	0	CN105	963 0059 20	2 2P connector cord	L000151020040	1
C944	1	Ceramic chip 0.01µF/50V	D01110377720	0	11		ar as an as a said	for E1,E1H,E1T	
C945		Ceramic chip 1000pF/50V	D01110277720	0	CN903	963 0058 808	2P connector cord	L000101020070	
C946,947		Ceramic chip 0.1µF/50V	D011104597200	0	11			for E1,E1H,E1T	1
C948		Electrolytic 10µF/35V	D040100085050	0	11			W EI'EIU'EII	
C949		Electrolytic 2.2µF/50V	D0402R208725	0	CP901	963 0061 203	5P connector base	L104353280500	1
C950	1	Ceramic chip 0.1µF/50V	D011104597200)	11		U. Commodor Dago	for E1,E1H,E1T	1'
C951		Electrolytic 100µF/10V	D040101082060)	CP902	963 0059 309	3P connector base	L000151030030	1
C952,953		Ceramic chip 0.1µF/50V	D011104597200)			or source page	for E1,E1H,E1T	Ι'
C954,955		Ceramic chip 0.01µF/50V	D011103777200)				IO EI,EIN,EII	
C956		Ceramic chip 1000pF/50V	D011102777200	}	F101	960 0142 602	Fuse 2.5A	G650252251160	,
								for E1,E1H,E1T	ľ
	ARTS GRO	UP		Q'ty	AFIBIA.	980 GUS 604	Awarda .	G845000060010	2
CB801,	963 0050 502	Chip emifil	7611010000020	20		Mar di	The second second	OF ELEMENT	
803-805,			1		AF102	968 8044 309	Fem 2154	G66031225116D	
807-820,						-		WEI EIHEIT	
828,840					A FIRMS	989 0006 804	Point dip	G645000050010	
								OF EILENETT	
CN801	963 0046 707		L101352371610	1	4507	908 9067 107	Fuee 6.8A	G650832251160	3
CN802	963 0050 609	18P connector socket	L101352371810	1			And the second	WEI EIHEIT	1
CN803	963 0050 308	6P connector socket	L101352370610	1	A.Facria La	SEC SEC. SEC.		6646000050010 for E1 E1H E1T	Ω÷.
FB801C,FL,	963 0050 706	Beads inductor	7610035500010	8		LI MARINA IN TANADAMINE PARAMAMENT		AMARIAN PROPERTY AND IN	all the
FR.SL,SR,SW,					JK911	960 0143 203	AC outlet	G435040110000	1
FB802L,R								for E1,E1H,E1T	
					JK912	963 0056 904	SLIDE SW	G060268320010	1
.801,802	963 0050 803	Inductor 4.7µH	D3304R7000150	,				for E1,E1H,E1T	
L803	963 0050 900	Inductor 2.2µH	D3302R2000150	_					i
.805	963 0050 803	Inductor 4.7µH	D3304R7000150		-	963 0044 602	Supporter	4070210192000	2
.807	963 0050 900	Inductor 2.2µH	D3302R2000150					for E1,E1H,E1T	
						963 0051 103	Spacer	4300210062000	2
CTALB01	960 0180 907	Crystal 12.288MHz	E80012R288020	1				for E1,E1H,E1T	
	960 0180 800	Optical connector (GP1F37R1)	F100137000010	2					
	963 0052 500	1P pin jack	G600010003100	1			ļ		
ĺ		- parpass	000010003100	1				1	1
			1			Ì			
1				-		+			ı
									ı
				- 1		-			- 1
				- 1					- 1
					1				- 1
				- 1	1			1	- 1
				- 1	1	[1	-
- 1				- 1		1			- 1
			}	1				}	١
	,		}						- 1
			1			1			
				╝			. 1	ŀ	

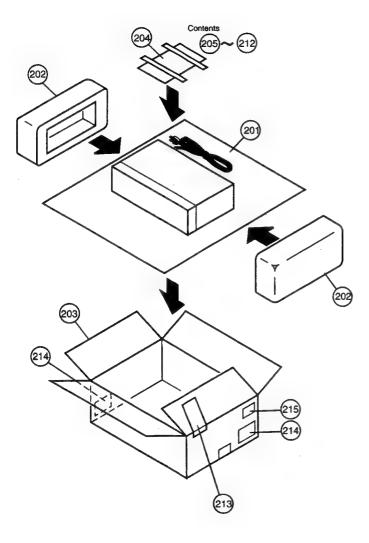


Note: The symbols in the column "Remar E3: U.S.A. model, Canada model EU: U.S.A. model (AVP-RR1) narius indicate the following des il E1C: Chins model

f. No.	Part No.	Part Name	Remarks	Q'ty	Ref. No.	Part No.	Part Name		Ta
	963 0042 507	Main P.W.B assy	7025HK9907010	1	Her. No. 2	960 0185 009	Power button	Remarks	Q
	000 00 1E 00.	reality in the same	for E3.EU	'	ı '	300 0183 009	POWER DURION	5090210201000	
i [963 0042 536		7025HK9907040	1	2	963 0055 206	Power button(GO)	for Black model 5097210201110	
			for E2	١. ١	1	300 0000 200	rowe business)	for Gold mode	
	963 0042 578		7025HK9907110	,	3	963 0054 702	Window	5077210242010	1
			for E1,E1H,E1T		4	963 0054 906	Main volume knob	5087210191010	
	963 0042 549		7025HK9907060	1	,	900 0007 900	mail volume kilog	for Black model	
			for E1C		4	963 0055 002	Main volume (mob/GO)MOLD		
⊢26		Video CNT P.W.B assy		1				for E2(Gold model),E17	
43		Main P.W.B assy		1	4	112 0839 008	Main volume knob(GO):AL	for E1,E1C,E1H	İ
-51		Input P.W.B assy		1	5	963 0054 809	Select knob(BK)	5080210201000	
l	963 0042 604	Processor P.W.B assy	7025HK9907011	1			, , ,	for Black model	l
			for E3,EU		5	963 0055 109	Select knob(GO)MOLD	5087210201100	
	963 0042 633		7025HK9907041	1				for E2(Gold model),E17	1
		1	for E2		5	112 0835 015	Select knob(GO):AL	for E1.E1C.E1H	
	963 0042 662		7025HK9907111	1	6	963 0051 307	Lens	3710210023000	L
1			for E1,E1C,E1H,E1T		7	963 0055 604	Inner panel(BK)	3217210061000	
12 ــــــــــــــــــــــــــــــــــــ		Front P.W.B assy		1	l			for Black model	
_50		CPU P.W.B assy		1	7	963 0055 617	inner panel(GO)	3217210062000	
	963 0042 701	CNT P.W.B assy	7025HK9907012	1				for Gold mode	
- 1			for E3,EU		В	960 0176 209	Push switch	G000122000010	ŀ
	963 0042 730		7025HK9907042	1				SW901 for E3,EU	
			for E2		8	963 0056 603	Push switch	G000040890000	1
	963 0042 769		7025HK9907112	1	ł			SW901 for E2,E1,	1
			for E1,E1C,E1H,E1T	li				E1C,E1H,E1T	
	963 0042 743		7025HK9907062	1	9	960 0187 502	Head phone jack(D6.5)	G402038400031	
.			for E1C		13	960 0180 509	FLT (16-ST-42GNK)	K530164200010	
F10		Head phone P.W.B assy		1	14	960 0181 100	IC NJL64H380A	E940643800000	
11		Switch P.W.B assy		1				RMC301	
35		Cnt P.W.B assy		1	15	960 0197 204	LED PI5-RD/HL50RDRF4T	K500052015010	
44		EXT-IN P.W.B assy		1	1			LED301~307	
45		Preout P.W.B assy		1	16	960 0184 408	FLT holder	4320200026000	
46		S-Video P.W.B assy		1	17		Heat sink bracket F	4010210396000	
48		Video P.W.B assy		1	18	960 0181 207	Rotary encoder	G121162420400	١.
53	i	Tuner P.W.B assy		1	1			VEC301,302 for	l
- 65		Outlet P.W.B assy	for E2	1				E3,EU,E2,E1T	
	963 0042 808	Pre-Amp P.W.B assy	7025HK9907013	1	18	212 0422 003	Rotary encoder	VEC301,302 for	:
56		Pre-Amp P.W.B assy		1				E1,E1C,E1H	
	963 0042 905	DSP P.W.B assy	7025HK9907014	1	19	963 0044 107	Transistor 2SB1560Y	J5011560Y0000	
49		DSP P.W.B assy		1				Q102C,FL,FR,SL,SR	
	963 0060 110	Voltage sel P.W.B assy	7025HK9907105	1	20	960 0187 900	Posistor	F320161001020	1
_			tor E1,E1H,E1T		21	963 0058 106	Transistor 2SD947F	J503947F00000	1
60		Voltage sel P.W.B assy	for E1,E1H,E1T	1	1			Q103C,FL,FR,SL,SR	1
1	963 0055 303	Front panel	3067210238000	1	22	963 0044 204	Transistor 2SD2390Y	J5032390Y0000	1
		C	for E3					Q101C,FL,FR,SL,SR	1
1	963 0055 329	Front panel	3067210238060	1	23	_	Heat sink	2120210128000	1
	****		for EU	. 1	24	960 0184 204	Heat sink bracket III	4010210386000	
1	963 0055 316	Front panel	3067210238020	1	25	960 0183 218	Top cover	3000210026000	1
			for E2(Black model)					for E3,EU	
1	963 0055 413	rrom panel	3067210238010	1	25	960 0183 205	Top cover	3000210026001	l
1	963 0055 426	Front panel	for E2(Gold model) 3067210238040	,		nen nner em	Tanana	for E2(Black model)	
	300 W33 420	cross bassa	30072102300A0	'	25	963 0055 507	Top cover	3000210026101	
			for E1,E1C,E1H,E1T				1	for Gold model	1

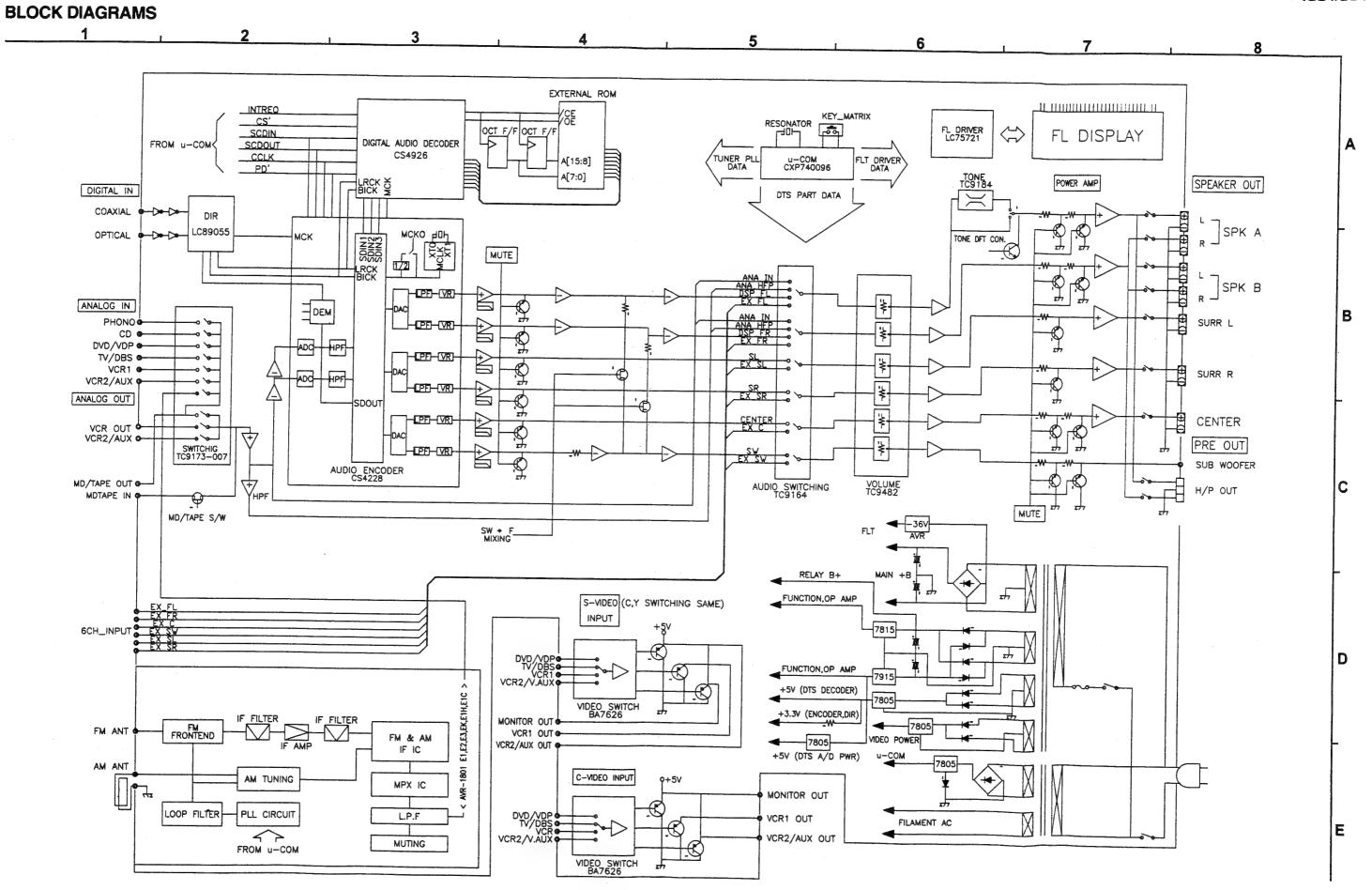
Ref. No.	Part No.	Part Name	Remarks	City	Ref. No.	Part No.	Part Name	Remarks	QT
28	963 0055 808	Chassis	3200210146100	1	A 25 5	968 0000 301	AC cord many	L068000970020	1
			for E3,EU					tor EIC	
28	960 0198 216	Chassis	3200210146301	1	59	960 0183 807	Terminal	3790000090000	1
			for E2,E1,	1	61	963 0044 602	PC suppoter	4070210192000	
			E1C,E1H,E1T					for E2,E1,	
29	960 0183 904	Foot assy	4008020061010	4				E1C.E1H.E1T	
30	963 0051 103	Card spacer	4300210062000	2	62	963 0044 505	Side bracket	4010210236000	1
31	960 0136 605	PCB supporter	4070001601010	2				for E2.E1.	1.
32	960 0184 107	Supporter bracket	4010210206000	1				E1C.E1H.E1T	ł
33	960 0192 306	Trans bracket	4010210466000	1	63	963 0054 304	Heatsink cushion	4050210205000	2
34	960 0184 000	Screw bracket	4010210196000	2				tor E2.E1.	-
	and albe 140	Policy Control of the	estation of the					E1C,E1H,E1T	
	value de estado			8.	64	963 0051 200	Cushion	4050210165000	2
	9001008	F	820006057003] ~ [500 0001 200	Gusimon	for EU.E2.	۴
- B								E1,E1C,E1H,E1T	
	100 CL 10 (57)				*	960 0093 104	Donk Kost	2410040353010	
			a la la la la la la la la la la la la la			900 0093 104	Push avet	1	6
	968 (386 F24		Contract of the State of the St	44				for E2,E1,	1
			estimate (橘				E1C,E1H,E1T	
37	"我们的"	Heat sink	COLUMN AND	\$5.1	*	963 0061 407	FFC cable	L301186171850	1
38	_	Heat sink	2120044308010	1					
	SMI (71.07.803)		2120043538050	1	SCREWS				
			cessible of the		A	963 0018 007	Screw (2S 3x8 ZNY/BH)	B020030081B10	44
			WIND BLOW		В	960 0108 701	Screw (2S 3×10 DOT BK)	B020030103B11	43
	ROUTE PRO					990 0100 101	Octor (20 ax 10 bot bit)	for E3.EU.E2	-
			E E E E E		В	960 0108 701	Screw (2S 3×10 DOT BK)	B020030103B11	45
40	960 0194 809	2P speaker terminal	G611021078110	1		900 0100 701	SCHW (25 SKIU DO) BK)	for E1.E1H.E1T	40
			JK103		В	000 0400 704	Screw (2S 3×10 DOT BK)	B020030103B11	41
41	960 0188 608	4P speaker terminal	G612041037310	1	l °	900 0100 701	Screw (25 3×10 DO1 Bit)	for E1C	1
			JK102		С	000 0040 000	O (00 040 Thill/END)		
42	960 0194 304	8P speaker terminal	G598041680020	[1:]	1 1	963 0048 200	Screw (2S 3×10 ZNY/BH)	B020030101B10	5
			JK101		٥	960 9008 417	Screw (3S 4x8 ZNY/BH)	B028940081B10	4
47		PCB holder	4420010173010	11	E	963 0048 307	Screw (2S 4×8 DOT BK)	1500040083B10	6
52	960 0184 602	Plate	4470210146000	1	_			for Black model	1_
54	963 0054 003	Shield tuner pack	3070210056000	11	Ε	963 9004 012	Screw (2S 4x8 DOT NI)	1500040084B10	6
55	963 0055 701	Back panel	3207210256000	1				for Gold mode	
			for E3		F		SCHOW (25 3×14 WASHER ZNYAH)	B018230141H10	15
55	963 0055 756	Back panel	3207210256050	1	G	960 9008 420	Screw (2S 3x8 WASHER)	1500001456010	1
			for EU		н	963 0018 104	Screw (2S 3×17 ZNY/BH)	B020030171B10	2
55	963 0055 714	Back panel	3207210256020	1	1	963 9004 025	Screw (3S 4×6 ZNY/BH)	B020740061B10	6
			for E2		J	963 9004 041	Screw (2S 3x5 ZNY/BH)	B020030051B10	2
55	963 0055 730	Back panel	3207210256040	1				tor E1,E1H,E1T,E2,E1C	
			for E1.E1H.E1T	1					1
55	963 0055 727	Back name!	3207210256030	1					-
-			for E1C		1				
57	960 0192 403	Cord bush	4380210002000	1					
W. Dallace	ALCOHOL MANAGEMENT AND AND AND AND AND AND ADDRESS OF THE PARTY AND ADD	AC cord many	T0805000010	24					
			E ELEU	1					-
		Ox .	1,000040011010					1	
	9006 84	1000	The feet of the same of the same of the	!					1
THE STATE OF			99						
	2000.40	AC cost may	(.000040000000	Tu				1	1
								1	1
200	entans		Interretation (C. 1975)			!		1	

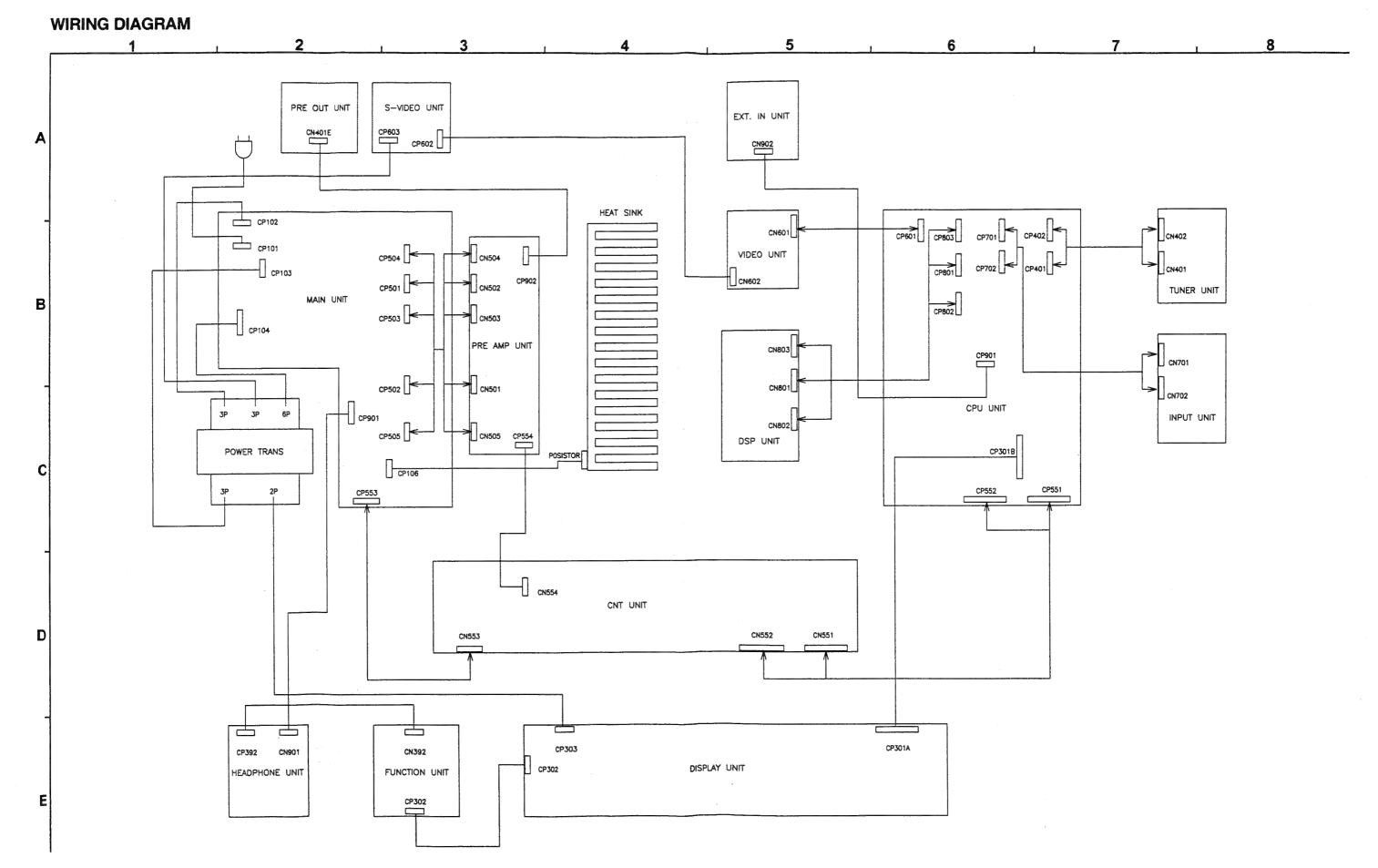
PACKING VIEW



PARTS LIST OF PACKING & ACCESSORIES

Ref. No.	Part No.	Part Name	Remarks	QT
201	960 0185 601	Set poly bag	6330210019000	1
202	960 0185 504	Cushion	6230210124000	1
203	963 0054 511	Carton case	6007210140010	1
			for E3.E2	ľ
203	963 0054 566	Carton case	6007210140040	1
			for EU	ľ
203	963 0054 524	Carton case	6007210140030	1
			for E1.E1C.E1T	ľ
203	963 0054 537	Carton case	6007210150020	1
			for E1H	'
204	963 0045 106	Poly hors	6330000240000	1
205	1	Instruction manual	5113598006	1
		THE COLOR IN COLOR	for E3,EU	١.
205	963 0054 621	Instruction manual	5113599005	1
200	300 000 001	WIGH GORDET THERE ISSUE	for E2	'
205	DES DOES CEN	Instruction manual	5113621009	1
£10	am (no. 000)	WHEN GOTON THE PLAN	for E1,E1C,E1H,E1T	'
205	002 0054 047	Instruction manual		
200	303 0034 047	WASH COOK THE ICAR	5113623007 for E1C	1
206	515 0867 101	CC 11-4		
207		AM loop antenna	5777001620011	1
208	963 0052 306	·	E605010090000	1
209			E605000030010	1
210	963 0043 001	Remocon RC-874	8300674000010	1
211	A00 0050 704	Battery (R6P/AA) FM antenna adapter	G670001R50010	2
211			L109000180010	1
212	363 0061 300	AC plug adapter	L10928300310A	1
213	51E 0017 000	DEL Warranty home	for E1T 5778001470070	
213	212 0011 009	DCL Warranky none	for E3.EU	1
214		Control label	5500014920010	2
215		UPC label	5507002340010	1
213		OPC MALIEN	for E3	'
215		UPC tabel		
213	_	OF C (808)	5507002340050	1
215		EAN label	for EU	
215	_	CAN IBOR	5507002340040	1
215		E Milebel	for E2(Black model)	
215	_	EAN label	5507002340030	1
*	C40 0000 000	Label (DDO DADIO	for E2(Gold model)	
*	313 3322 003	Label (RDS,RADIO TEXT)		2
Ħ.	-	Label (CCIB)	5500020160030	2
*	C12 2241 COA	Control label (A)	for E1C	
*		Carton label (A)	for E1,E1C,E1H,E1T	1
*		Carton label (B)	for E1,E1C,E1H,E1T	1
*	513 9111 001	, ,	for Gold mode	2
×	963 0055 905	Pad	6240210004000	2
			for E1H	
)		





В

SCHEMATIC DIAGRAMS (1/8) ALY. SPK. B RLY. FRONT CENTER TO POSISTOR TO SURROUND D149 304904 D152 144004 D150 144004 9117SL WW 22× D R348 111/460-R NOTICE ALL RESISTANCE VALUES IN OHM. K=1,000 OHM M=1,000,000 OHM ALL CARACTANCE VALUES I N MICRO FARAD. P=MICRO-MICRO FARAD EACH VOLTAGE AND CURRE NT ARE MEASUERD AT NO SIGNAL MPUT CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR WARNING: Parts marked with this symbol A have critical charles only replacement parts recommended by the m CAUTION: Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a lane to chassis resistance check. If the leakage current exceeds 0.5 milliamps or if the resistance from chassis to either side of the power card is less than 450 kohms, the unit is detective. WARNING: DO NOT return the unit to the customer until the problem is located and corrected. TO FRONT FILAMENT AC +B LINE MAIN B'D - - B LINE = SIGNAL LINE SCHEMATIC DIAGRAMS (1/8) MAIN UNIT **VOLTAGE SEL UNIT**

